

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072579.D
 Acq On : 11 Apr 2022 10:50
 Operator : VA/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Quant Time: Apr 12 01:01:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	375901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205010	45.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.160%		
35) Dibromofluoromethane	7.909	113	223912	47.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.160%		
50) Toluene-d8	10.332	98	750058	45.368	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.740%		
62) 4-Bromofluorobenzene	12.620	95	300084	46.476	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	56750	19.023	ug/l	99
3) Chloromethane	2.215	50	51844	18.788	ug/l	99
4) Vinyl Chloride	2.350	62	55745	18.192	ug/l	98
5) Bromomethane	2.750	94	40354	18.978	ug/l	92
6) Chloroethane	2.915	64	41311	20.327	ug/l	99
7) Trichlorofluoromethane	3.268	101	140511	21.699	ug/l	97
8) Diethyl Ether	3.709	74	38466	19.990	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	95094	22.020	ug/l	98
10) Methyl Iodide	4.297	142	57424	16.932	ug/l	99
11) Tert butyl alcohol	5.226	59	27925	116.288	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	66800	19.785	ug/l	86
13) Acrolein	3.926	56	11946	112.102	ug/l	89
14) Allyl chloride	4.709	41	105352	18.496	ug/l #	92
15) Acrylonitrile	5.420	53	105554	109.683	ug/l	99
16) Acetone	4.156	43	92595	109.203	ug/l	91
17) Carbon Disulfide	4.403	76	90900	15.156	ug/l	98
18) Methyl Acetate	4.715	43	60971	25.524	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	218850	22.208	ug/l	99
20) Methylene Chloride	4.956	84	97617	19.338	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	74902	18.656	ug/l	93
22) Diisopropyl ether	6.362	45	299353	22.068	ug/l #	93
23) Vinyl Acetate	6.303	43	684005	97.681	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	185670	22.714	ug/l	99
25) 2-Butanone	7.209	43	130426	111.220	ug/l	93
26) 2,2-Dichloropropane	7.203	77	163407	22.507	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	107938	21.056	ug/l	93
28) Bromochloromethane	7.544	49	78943	22.540	ug/l #	77
29) Tetrahydrofuran	7.561	42	73762	104.183	ug/l	91
30) Chloroform	7.709	83	210509	22.894	ug/l	98
31) Cyclohexane	7.985	56	112393	18.903	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	178879	22.937	ug/l	95
36) 1,1-Dichloropropene	8.103	75	112912	19.284	ug/l	96
37) Ethyl Acetate	7.291	43	54918	21.792	ug/l #	87
38) Carbon Tetrachloride	8.091	117	150045	22.899	ug/l	96
39) Methylcyclohexane	9.350	83	119514	18.789	ug/l	98
40) Benzene	8.344	78	361741	21.778	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072579.D
 Acq On : 11 Apr 2022 10:50
 Operator : VA/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28928m	20.648	ug/l	
42) 1,2-Dichloroethane	8.420	62	115960	22.840	ug/l	97
43) Isopropyl Acetate	8.450	43	107670	22.273	ug/l #	92
44) Trichloroethene	9.108	130	101799	21.587	ug/l	93
45) 1,2-Dichloropropane	9.379	63	106316	23.009	ug/l	97
46) Dibromomethane	9.467	93	53179	21.937	ug/l	95
47) Bromodichloromethane	9.656	83	168648	24.215	ug/l	96
48) Methyl methacrylate	9.450	41	53257	22.692	ug/l	91
49) 1,4-Dioxane	9.456	88	12862	446.021	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	300259	115.756	ug/l	92
52) Toluene	10.397	92	245383	22.237	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	143057	23.572	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	164705	22.954	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	90296	24.569	ug/l	94
56) Ethyl methacrylate	10.650	69	93749	21.443	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	135796	22.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	224854	123.924	ug/l	93
59) 2-Hexanone	10.979	43	205079	116.265	ug/l	93
60) Dibromochloromethane	11.132	129	116245	24.520	ug/l	98
61) 1,2-Dibromoethane	11.238	107	76364	23.402	ug/l	97
64) Tetrachloroethene	10.867	164	84118	22.398	ug/l	97
65) Chlorobenzene	11.661	112	287351	22.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	121037	23.557	ug/l	98
67) Ethyl Benzene	11.738	91	490547	21.876	ug/l	99
68) m/p-Xylenes	11.844	106	372106	43.740	ug/l	100
69) o-Xylene	12.173	106	181495	22.112	ug/l	99
70) Styrene	12.185	104	329670	22.789	ug/l	99
71) Bromoform	12.349	173	66668	24.476	ug/l #	100
73) Isopropylbenzene	12.467	105	534319	22.206	ug/l	99
74) N-amyl acetate	12.279	43	107132	21.219	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	106569	23.382	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	63538m	19.553	ug/l	
77) Bromobenzene	12.749	156	118030	21.884	ug/l	94
78) n-propylbenzene	12.808	91	623637	21.484	ug/l	98
79) 2-Chlorotoluene	12.897	91	371749	21.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	459898	22.316	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	30178	22.788	ug/l	88
82) 4-Chlorotoluene	12.996	91	388198	21.957	ug/l	99
83) tert-Butylbenzene	13.214	119	404051	22.648	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	461489	22.900	ug/l	99
85) sec-Butylbenzene	13.391	105	603293	22.450	ug/l	99
86) p-Isopropyltoluene	13.502	119	497659	22.656	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	255672	22.878	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	255118	22.650	ug/l	99
89) n-Butylbenzene	13.832	91	472145	22.564	ug/l	99
90) Hexachloroethane	14.096	117	102802	22.862	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	229103	23.243	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	15772	23.399	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	141574	23.172	ug/l	99
94) Hexachlorobutadiene	15.249	225	84532	24.700	ug/l	99
95) Naphthalene	15.385	128	251039	21.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	124366	23.322	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
Data File : VD072579.D
Acq On : 11 Apr 2022 10:50
Operator : VA/SY
Sample : VD0411SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072579.D
 Acq On : 11 Apr 2022 10:50
 Operator : VA/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:01:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

