

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071563.D
 Acq On : 03 Jan 2022 13:30
 Operator : VA/SY
 Sample : VD0103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBS01

Quant Time: Jan 03 15:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	312222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	489174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	238338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202324	48.793	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.580%		
35) Dibromofluoromethane	7.914	113	184163	51.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.700%		
50) Toluene-d8	10.338	98	664957	49.058	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.626	95	234506	48.687	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	63725	19.478	ug/l	100
3) Chloromethane	2.215	50	79859	19.063	ug/l	99
4) Vinyl Chloride	2.356	62	89784	17.885	ug/l #	86
5) Bromomethane	2.762	94	68132	19.400	ug/l	95
6) Chloroethane	2.920	64	64346	19.314	ug/l	98
7) Trichlorofluoromethane	3.279	101	131695	21.429	ug/l	86
8) Diethyl Ether	3.715	74	34544	19.634	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	77020	21.541	ug/l	95
10) Methyl Iodide	4.309	142	57680	16.589	ug/l	93
11) Tert butyl alcohol	5.226	59	20535	32.713	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	65408	20.108	ug/l	87
13) Acrolein	3.926	56	15857	79.163	ug/l	92
14) Allyl chloride	4.720	41	132885	21.598	ug/l #	80
15) Acrylonitrile	5.426	53	87800	101.333	ug/l	97
16) Acetone	4.156	43	98751	94.813	ug/l #	85
17) Carbon Disulfide	4.414	76	180369	17.018	ug/l	95
18) Methyl Acetate	4.720	43	64625	20.103	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	170349	20.287	ug/l	96
20) Methylene Chloride	4.973	84	121806	27.912	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	76023	20.178	ug/l	97
22) Diisopropyl ether	6.373	45	267056	21.322	ug/l	90
23) Vinyl Acetate	6.309	43	637115	98.673	ug/l	97
24) 1,1-Dichloroethane	6.267	63	157248	21.900	ug/l	97
25) 2-Butanone	7.214	43	116139	93.354	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	132716	22.495	ug/l	94
27) cis-1,2-Dichloroethene	7.214	96	90508	21.719	ug/l	93
28) Bromochloromethane	7.538	49	59817	20.329	ug/l #	14
29) Tetrahydrofuran	7.561	42	73418	98.290	ug/l	90
30) Chloroform	7.708	83	162987	22.496	ug/l	98
31) Cyclohexane	7.985	56	135239	19.199	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	142896	22.239	ug/l	94
36) 1,1-Dichloropropene	8.114	75	119626	20.876	ug/l	97
37) Ethyl Acetate	7.297	43	52294	19.767	ug/l	96
38) Carbon Tetrachloride	8.097	117	122992	21.755	ug/l	96
39) Methylcyclohexane	9.355	83	129845	19.357	ug/l	98
40) Benzene	8.350	78	321732	20.885	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071563.D
 Acq On : 03 Jan 2022 13:30
 Operator : VA/SY
 Sample : VD0103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 03 15:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	33258	21.165	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	107225	21.346	ug/l	92
43) Isopropyl Acetate	8.450	43	101676	19.367	ug/l	91
44) Trichloroethene	9.108	130	86195	21.472	ug/l	99
45) 1,2-Dichloropropane	9.385	63	84230	21.072	ug/l	98
46) Dibromomethane	9.473	93	45238	20.484	ug/l	95
47) Bromodichloromethane	9.661	83	121520	21.673	ug/l	99
48) Methyl methacrylate	9.450	41	53382	20.547	ug/l #	78
49) 1,4-Dioxane	9.455	88	8219	329.341	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	258089	93.439	ug/l	90
52) Toluene	10.402	92	208865	21.344	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	108097	20.646	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	126550	20.917	ug/l #	79
55) 1,1,2-Trichloroethane	10.797	97	59928	21.379	ug/l #	86
56) Ethyl methacrylate	10.655	69	72445	19.639	ug/l #	72
57) 1,3-Dichloropropane	10.944	76	107460	20.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	179031	101.319	ug/l	99
59) 2-Hexanone	10.979	43	185752	95.140	ug/l	89
60) Dibromochloromethane	11.138	129	74933	21.265	ug/l	95
61) 1,2-Dibromoethane	11.238	107	57568	20.734	ug/l	99
64) Tetrachloroethene	10.873	164	71736	21.103	ug/l	95
65) Chlorobenzene	11.667	112	217195	21.646	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	81026	22.104	ug/l	99
67) Ethyl Benzene	11.738	91	405598	21.720	ug/l	96
68) m/p-Xylenes	11.849	106	304251	42.885	ug/l	96
69) o-Xylene	12.173	106	141029	21.747	ug/l	95
70) Styrene	12.185	104	243148	21.583	ug/l	96
71) Bromoform	12.355	173	41415	20.879	ug/l #	99
73) Isopropylbenzene	12.473	105	386983	21.061	ug/l	98
74) N-amyl acetate	12.279	43	92346	18.732	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	65823	19.814	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	49574m	17.506	ug/l	
77) Bromobenzene	12.749	156	84189	20.590	ug/l	97
78) n-propylbenzene	12.814	91	491495	21.340	ug/l	99
79) 2-Chlorotoluene	12.896	91	271886	21.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	321292	21.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	19135	19.092	ug/l #	70
82) 4-Chlorotoluene	12.996	91	284824	21.333	ug/l	99
83) tert-Butylbenzene	13.214	119	274225	21.174	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	321333	21.422	ug/l	97
85) sec-Butylbenzene	13.390	105	422629	21.406	ug/l	100
86) p-Isopropyltoluene	13.508	119	350664	21.405	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	173495	21.069	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	170002	21.055	ug/l	97
89) n-Butylbenzene	13.832	91	348836	21.695	ug/l	97
90) Hexachloroethane	14.102	117	67621	21.789	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	147630	21.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10853	18.838	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	85959	20.184	ug/l	99
94) Hexachlorobutadiene	15.255	225	48888	21.429	ug/l	97
95) Naphthalene	15.384	128	154163	19.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	75052	20.375	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
Data File : VD071563.D
Acq On : 03 Jan 2022 13:30
Operator : VA/SY
Sample : VD0103SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0103SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

Quant Time: Jan 03 15:56:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
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\VD010322\
Data File : VD071563.D
Acq On : 03 Jan 2022 13:30
Operator : VA/SY
Sample : VD0103SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0103SBS01

Quant Time: Jan 03 15:56:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122215.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

