

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072529.D
 Acq On : 05 Apr 2022 12:27
 Operator : VA/SY
 Sample : VD0405SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:11:08 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)

Internal Standards						
1) Pentafluorobenzene	7.973	168	353403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205340	48.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.909	113	223719	50.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.280%		
50) Toluene-d8	10.332	98	769509	49.618	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.620	95	304546	50.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	49998	17.826	ug/l	94
3) Chloromethane	2.215	50	42831	16.510	ug/l	93
4) Vinyl Chloride	2.350	62	43869	15.383	ug/l	97
5) Bromomethane	2.744	94	31723	15.869	ug/l	93
6) Chloroethane	2.909	64	33030	17.287	ug/l	92
7) Trichlorofluoromethane	3.268	101	117530	19.306	ug/l	98
8) Diethyl Ether	3.715	74	31839	17.599	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	79780	19.650	ug/l	96
10) Methyl Iodide	4.303	142	54641	17.092	ug/l	95
11) Tert butyl alcohol	5.220	59	24661	109.234	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	56527	17.808	ug/l	81
13) Acrolein	3.921	56	11541	115.196	ug/l	92
14) Allyl chloride	4.709	41	88530	16.652	ug/l #	93
15) Acrylonitrile	5.420	53	89665	99.104	ug/l	99
16) Acetone	4.156	43	77837	97.642	ug/l	99
17) Carbon Disulfide	4.409	76	73216	13.504	ug/l #	90
18) Methyl Acetate	4.715	43	51418	22.895	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	183679	19.826	ug/l	94
20) Methylene Chloride	4.962	84	100456	21.168	ug/l	88
21) trans-1,2-Dichloroethene	5.479	96	61023	16.267	ug/l	88
22) Diisopropyl ether	6.362	45	249018	19.526	ug/l #	90
23) Vinyl Acetate	6.303	43	569275	87.193	ug/l #	91
24) 1,1-Dichloroethane	6.262	63	147683	19.217	ug/l	97
25) 2-Butanone	7.209	43	110541	100.264	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	138491	20.289	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	91963	19.082	ug/l	90
28) Bromochloromethane	7.544	49	68291	20.740	ug/l #	75
29) Tetrahydrofuran	7.556	42	63662	95.642	ug/l #	88
30) Chloroform	7.703	83	177789	20.566	ug/l	96
31) Cyclohexane	7.979	56	88256	15.788	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	148448	20.246	ug/l	96
36) 1,1-Dichloropropene	8.109	75	95691	17.530	ug/l	95
37) Ethyl Acetate	7.291	43	47937	20.278	ug/l #	91
38) Carbon Tetrachloride	8.097	117	124919	20.324	ug/l	96
39) Methylcyclohexane	9.350	83	97881	16.770	ug/l	98
40) Benzene	8.344	78	301255	19.334	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072529.D
 Acq On : 05 Apr 2022 12:27
 Operator : VA/SY
 Sample : VD0405SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:11:08 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	7.520	41	29504	22.305	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	98860	20.758	ug/l	95
43) Isopropyl Acetate	8.450	43	93752	20.675	ug/l #	90
44) Trichloroethene	9.108	130	83122	18.791	ug/l	98
45) 1,2-Dichloropropane	9.385	63	89039	20.542	ug/l	96
46) Dibromomethane	9.473	93	48280	21.231	ug/l	94
47) Bromodichloromethane	9.656	83	141562	21.669	ug/l #	98
48) Methyl methacrylate	9.456	41	45903	20.850	ug/l	91
49) 1,4-Dioxane	9.456	88	11579	428.048	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	255840	105.146	ug/l	92
52) Toluene	10.397	92	204778	19.783	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	120736	21.208	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	138002	20.503	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	77078	22.358	ug/l	93
56) Ethyl methacrylate	10.650	69	81143	19.877	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	119738	21.009	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	195363	114.781	ug/l	94
59) 2-Hexanone	10.979	43	173561	104.895	ug/l	91
60) Dibromochloromethane	11.132	129	98417	22.131	ug/l	98
61) 1,2-Dibromoethane	11.238	107	65488	21.395	ug/l	100
64) Tetrachloroethene	10.867	164	69514	19.780	ug/l	91
65) Chlorobenzene	11.661	112	248354	20.651	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	105915	22.029	ug/l	98
67) Ethyl Benzene	11.738	91	414764	19.766	ug/l	100
68) m/p-Xylenes	11.844	106	312715	39.281	ug/l	97
69) o-Xylene	12.173	106	154453	20.108	ug/l	98
70) Styrene	12.185	104	285736	21.108	ug/l	96
71) Bromoform	12.349	173	58753	23.051	ug/l #	99
73) Isopropylbenzene	12.467	105	445535	19.249	ug/l	99
74) N-amyl acetate	12.279	43	93941	19.344	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	92873	21.184	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	66674m	21.330	ug/l	
77) Bromobenzene	12.749	156	105041	20.248	ug/l	89
78) n-propylbenzene	12.808	91	548269	19.636	ug/l	99
79) 2-Chlorotoluene	12.897	91	321166	19.668	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	392853	19.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25649	20.135	ug/l	89
82) 4-Chlorotoluene	12.997	91	342441	20.136	ug/l	100
83) tert-Butylbenzene	13.214	119	354686	20.668	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	394493	20.351	ug/l	100
85) sec-Butylbenzene	13.391	105	519655	20.103	ug/l	99
86) p-Isopropyltoluene	13.502	119	429138	20.311	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	223535	20.794	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	223007	20.583	ug/l	99
89) n-Butylbenzene	13.832	91	411198	20.430	ug/l	99
90) Hexachloroethane	14.096	117	89547	20.703	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	203494	21.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14506	22.373	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	122771	20.890	ug/l	99
94) Hexachlorobutadiene	15.249	225	72066	21.892	ug/l	99
95) Naphthalene	15.385	128	221163	19.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	111698	21.776	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
Data File : VD072529.D
Acq On : 05 Apr 2022 12:27
Operator : VA/SY
Sample : VD0405SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0405SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:11:08 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\VD040522\
 Data File : VD072529.D
 Acq On : 05 Apr 2022 12:27
 Operator : VA/SY
 Sample : VD0405SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:11:08 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

