

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072641.D
 Acq On : 20 Apr 2022 12:22
 Operator : VA/SY
 Sample : VD0420SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

Quant Time: Apr 20 14:48:04 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 :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	356622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	585486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	556076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204805	47.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.914	113	222316	48.860	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.720%		
50) Toluene-d8	10.332	98	750945	47.479	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.620	95	300800	48.697	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	54591	19.288	ug/l	95
3) Chloromethane	2.209	50	47503	18.146	ug/l	97
4) Vinyl Chloride	2.350	62	51201	17.643	ug/l	92
5) Bromomethane	2.744	94	39854	19.756	ug/l	100
6) Chloroethane	2.909	64	39079	20.268	ug/l	94
7) Trichlorofluoromethane	3.268	101	136140	22.161	ug/l	88
8) Diethyl Ether	3.709	74	39319	21.537	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.085	101	93153	22.737	ug/l	94
10) Methyl Iodide	4.297	142	57246	17.602	ug/l	99
11) Tert butyl alcohol	5.209	59	68678	301.457	ug/l #	84
12) 1,1-Dichloroethene	4.062	96	66492	20.759	ug/l	82
13) Acrolein	3.920	56	13632	134.839	ug/l	98
14) Allyl chloride	4.709	41	111307	20.470	ug/l	88
15) Acrylonitrile	5.415	53	110494	121.023	ug/l	95
16) Acetone	4.156	43	88406	109.900	ug/l	91
17) Carbon Disulfide	4.409	76	82153	14.610	ug/l	98
18) Methyl Acetate	4.709	43	62741	27.685	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	222194	23.766	ug/l	99
20) Methylene Chloride	4.962	84	120974	25.261	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	71577	18.786	ug/l	85
22) Diisopropyl ether	6.362	45	301995	23.466	ug/l #	90
23) Vinyl Acetate	6.303	43	677458	101.699	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	179507	23.148	ug/l	98
25) 2-Butanone	7.209	43	130983	117.733	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	164272	23.849	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	109019	22.416	ug/l	89
28) Bromochloromethane	7.538	49	70661	21.266	ug/l #	77
29) Tetrahydrofuran	7.561	42	78487	116.850	ug/l	92
30) Chloroform	7.708	83	210567	24.138	ug/l	91
31) Cyclohexane	7.979	56	105738	18.745	ug/l #	79
32) 1,1,1-Trichloroethane	7.897	97	173430	23.440	ug/l	95
36) 1,1-Dichloropropene	8.108	75	112983	20.118	ug/l	96
37) Ethyl Acetate	7.285	43	56095	23.267	ug/l #	94
38) Carbon Tetrachloride	8.091	117	146117	23.310	ug/l	97
39) Methylcyclohexane	9.355	83	111822	18.440	ug/l	95
40) Benzene	8.344	78	352097	22.158	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072641.D
 Acq On : 20 Apr 2022 12:22
 Operator : VA/SY
 Sample : VD0420SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 14:48:04 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	39347	28.658	ug/l	95
42) 1,2-Dichloroethane	8.414	62	113177	23.302	ug/l	96
43) Isopropyl Acetate	8.450	43	112653	24.359	ug/l #	92
44) Trichloroethene	9.103	130	97844	21.689	ug/l	93
45) 1,2-Dichloropropane	9.379	63	107137	24.237	ug/l	98
46) Dibromomethane	9.467	93	53382	23.018	ug/l	96
47) Bromodichloromethane	9.655	83	164034	24.620	ug/l #	98
48) Methyl methacrylate	9.450	41	50726	22.593	ug/l #	85
49) 1,4-Dioxane	9.450	88	13386	485.221	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	313866	126.484	ug/l	92
52) Toluene	10.397	92	240567	22.788	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	138553	23.864	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	159549	23.243	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	89733	25.522	ug/l	96
56) Ethyl methacrylate	10.655	69	93626	22.332	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	140821	24.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	213795	123.167	ug/l	95
59) 2-Hexanone	10.979	43	201990	119.701	ug/l	93
60) Dibromochloromethane	11.132	129	112782	24.867	ug/l	99
61) 1,2-Dibromoethane	11.238	107	75854	24.299	ug/l	98
64) Tetrachloroethene	10.867	164	78891	21.714	ug/l	96
65) Chlorobenzene	11.661	112	286295	23.028	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	124532	25.054	ug/l	98
67) Ethyl Benzene	11.738	91	490842	22.626	ug/l	99
68) m/p-Xylenes	11.844	106	371440	45.132	ug/l	99
69) o-Xylene	12.173	106	181173	22.816	ug/l	95
70) Styrene	12.185	104	330623	23.625	ug/l	96
71) Bromoform	12.349	173	67335	25.554	ug/l #	99
73) Isopropylbenzene	12.467	105	520270	22.220	ug/l	100
74) N-amyl acetate	12.279	43	111614	22.719	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	104612	23.588	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	79481m	25.135	ug/l	
77) Bromobenzene	12.749	156	121077	23.070	ug/l	93
78) n-propylbenzene	12.808	91	640125	22.662	ug/l	98
79) 2-Chlorotoluene	12.896	91	375470	22.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	456650	22.772	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	30896	23.975	ug/l	88
82) 4-Chlorotoluene	12.991	91	397927	23.129	ug/l	99
83) tert-Butylbenzene	13.208	119	410211	23.629	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	451068	23.002	ug/l	99
85) sec-Butylbenzene	13.391	105	616504	23.576	ug/l	99
86) p-Isopropyltoluene	13.502	119	499266	23.358	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	258319	23.754	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	256166	23.372	ug/l	99
89) n-Butylbenzene	13.832	91	481329	23.639	ug/l	99
90) Hexachloroethane	14.096	117	104217	23.817	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	230162	23.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15509	23.645	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	138471	23.291	ug/l	98
94) Hexachlorobutadiene	15.249	225	85107	25.556	ug/l	99
95) Naphthalene	15.385	128	250343	21.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	126001	24.283	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
Data File : VD072641.D
Acq On : 20 Apr 2022 12:22
Operator : VA/SY
Sample : VD0420SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 20 14:48:04 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

