

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072513.D
 Acq On : 04 Apr 2022 11:48
 Operator : VA/SY
 Sample : VD0404SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 05 03:18:22 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

04/05/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	338628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	529682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287510	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	196014	47.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.908	113	216003	49.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.332	98	722675	47.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.626	95	290986	49.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	48641	18.099	ug/l	96
3) Chloromethane	2.209	50	39596	15.929	ug/l	96
4) Vinyl Chloride	2.344	62	42165	15.428	ug/l	95
5) Bromomethane	2.744	94	33531	17.505	ug/l	88
6) Chloroethane	2.909	64	33233	18.152	ug/l	99
7) Trichlorofluoromethane	3.267	101	107811	18.482	ug/l	100
8) Diethyl Ether	3.703	74	29619	17.086	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	74091	19.045	ug/l	95
10) Methyl Iodide	4.303	142	46513	15.601	ug/l	98
11) Tert butyl alcohol	5.226	59	21502	99.397	ug/l #	90
12) 1,1-Dichloroethene	4.067	96	51837	17.043	ug/l	84
13) Acrolein	3.914	56	14576	151.838	ug/l	90
14) Allyl chloride	4.714	41	82165	16.164	ug/l #	92
15) Acrylonitrile	5.420	53	81017	93.453	ug/l #	88
16) Acetone	4.156	43	74375	97.370	ug/l #	89
17) Carbon Disulfide	4.403	76	67501	13.130	ug/l	95
18) Methyl Acetate	4.714	43	47581	22.111	ug/l #	83
19) Methyl tert-butyl Ether	5.479	73	170335	19.187	ug/l	95
20) Methylene Chloride	4.961	84	84886	18.667	ug/l #	83
21) trans-1,2-Dichloroethene	5.473	96	58567	16.292	ug/l #	75
22) Diisopropyl ether	6.361	45	229919	18.815	ug/l #	91
23) Vinyl Acetate	6.302	43	521681	83.664	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	139732	18.976	ug/l	97
25) 2-Butanone	7.208	43	101813	96.377	ug/l #	89
26) 2,2-Dichloropropane	7.208	77	127353	19.472	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	87172	18.877	ug/l	90
28) Bromochloromethane	7.538	49	67935	21.532	ug/l #	72
29) Tetrahydrofuran	7.555	42	56397	88.424	ug/l #	88
30) Chloroform	7.708	83	167016	20.163	ug/l	94
31) Cyclohexane	7.979	56	81239	15.167	ug/l #	81
32) 1,1,1-Trichloroethane	7.902	97	139748	19.891	ug/l	95
36) 1,1-Dichloropropene	8.108	75	90849	17.068	ug/l	97
37) Ethyl Acetate	7.291	43	41552	17.992	ug/l #	92
38) Carbon Tetrachloride	8.091	117	114678	19.098	ug/l	99
39) Methylcyclohexane	9.349	83	84887	15.210	ug/l	99
40) Benzene	8.349	78	284208	18.671	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072513.D
 Acq On : 04 Apr 2022 11:48
 Operator : VA/SY
 Sample : VD0404SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/05/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 05 03:18:22 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	21218	16.857	ug/l	#	66
42) 1,2-Dichloroethane	8.420	62	90144	19.375	ug/l		96
43) Isopropyl Acetate	8.444	43	81752	18.454	ug/l	#	88
44) Trichloroethene	9.108	130	81308	18.815	ug/l		90
45) 1,2-Dichloropropane	9.385	63	83167	19.641	ug/l		94
46) Dibromomethane	9.473	93	44474	20.019	ug/l		97
47) Bromodichloromethane	9.655	83	132274	20.725	ug/l		99
48) Methyl methacrylate	9.449	41	40109	18.649	ug/l	#	88
49) 1,4-Dioxane	9.467	88	10000	378.409	ug/l		90
51) 4-Methyl-2-Pentanone	10.220	43	228972	96.327	ug/l		92
52) Toluene	10.396	92	195290	19.312	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	112265	20.186	ug/l		96
54) cis-1,3-Dichloropropene	10.085	75	129257	19.657	ug/l	#	86
55) 1,1,2-Trichloroethane	10.790	97	69423	20.613	ug/l		95
56) Ethyl methacrylate	10.655	69	72454	18.270	ug/l	#	82
57) 1,3-Dichloropropane	10.938	76	110243	19.800	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	194101	116.734	ug/l		93
59) 2-Hexanone	10.979	43	152767	94.509	ug/l		87
60) Dibromochloromethane	11.132	129	91556	21.074	ug/l		99
61) 1,2-Dibromoethane	11.243	107	61454	20.551	ug/l		97
64) Tetrachloroethene	10.873	164	64852	18.739	ug/l		94
65) Chlorobenzene	11.661	112	235103	19.853	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	101455	21.428	ug/l		99
67) Ethyl Benzene	11.738	91	383777	18.573	ug/l		96
68) m/p-Xylenes	11.849	106	302374	38.571	ug/l		98
69) o-Xylene	12.173	106	148968	19.695	ug/l		95
70) Styrene	12.185	104	272051	20.408	ug/l		97
71) Bromoform	12.349	173	54352	21.655	ug/l	#	98
73) Isopropylbenzene	12.473	105	414234	17.840	ug/l		99
74) N-amyl acetate	12.279	43	84622	17.369	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.720	83	85278	19.390	ug/l		100
76) 1,2,3-Trichloropropane	12.773	75	63224m	20.162	ug/l		
77) Bromobenzene	12.755	156	101084	19.423	ug/l		92
78) n-propylbenzene	12.808	91	521099	18.603	ug/l		98
79) 2-Chlorotoluene	12.896	91	311367	19.007	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	375092	18.862	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	23921	18.719	ug/l		88
82) 4-Chlorotoluene	12.996	91	328048	19.228	ug/l		100
83) tert-Butylbenzene	13.214	119	323631	18.798	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	375656	19.318	ug/l		99
85) sec-Butylbenzene	13.390	105	500038	19.283	ug/l		100
86) p-Isopropyltoluene	13.502	119	407764	19.238	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	214383	19.879	ug/l		100
88) 1,4-Dichlorobenzene	13.584	146	213028	19.599	ug/l		98
89) n-Butylbenzene	13.832	91	386234	19.128	ug/l		99
90) Hexachloroethane	14.096	117	86412	19.914	ug/l		100
91) 1,2-Dichlorobenzene	13.879	146	192757	20.265	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13016	20.011	ug/l		88
93) 1,2,4-Trichlorobenzene	15.149	180	119326	20.239	ug/l		100
94) Hexachlorobutadiene	15.255	225	69999	21.196	ug/l		99
95) Naphthalene	15.384	128	195729	17.085	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	101019	19.632	ug/l		98

04/05/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
Data File : VD072513.D
Acq On : 04 Apr 2022 11:48
Operator : VA/SY
Sample : VD0404SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 05 03:18:22 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

Instrument :
MSVOA_D
ClientSampleId :
VD0404SBS01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/05/2022
Supervised By :Mahesh
Dadoda

04/05/2022

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

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

