

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072617.D
 Acq On : 19 Apr 2022 11:35
 Operator : VA/SY
 Sample : VD0419SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 16:11:10 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	311322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	514846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	482153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183518	48.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.460%		
35) Dibromofluoromethane	7.908	113	204356	51.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.160%		
50) Toluene-d8	10.332	98	700178	50.344	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.620	95	275901	50.795	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	50568	20.467	ug/l	97
3) Chloromethane	2.209	50	42662	18.668	ug/l	98
4) Vinyl Chloride	2.350	62	45862	18.078	ug/l	93
5) Bromomethane	2.744	94	37289	21.175	ug/l	89
6) Chloroethane	2.903	64	33625	19.977	ug/l	94
7) Trichlorofluoromethane	3.268	101	122844	22.906	ug/l	97
8) Diethyl Ether	3.709	74	34178	21.446	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	84356	23.585	ug/l	94
10) Methyl Iodide	4.303	142	51489	18.023	ug/l	99
11) Tert butyl alcohol	5.197	59	59059	296.956	ug/l #	79
12) 1,1-Dichloroethene	4.062	96	57607	20.602	ug/l	85
13) Acrolein	3.926	56	10249	116.128	ug/l	97
14) Allyl chloride	4.709	41	92272	19.495	ug/l	90
15) Acrylonitrile	5.414	53	92405	115.938	ug/l	96
16) Acetone	4.156	43	75312	107.245	ug/l	96
17) Carbon Disulfide	4.409	76	72432	14.719	ug/l	97
18) Methyl Acetate	4.714	43	52574	26.574	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	185220	22.694	ug/l	100
20) Methylene Chloride	4.962	84	104569	25.013	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	62985	18.930	ug/l	94
22) Diisopropyl ether	6.361	45	251788	22.412	ug/l #	90
23) Vinyl Acetate	6.303	43	557567	96.240	ug/l #	88
24) 1,1-Dichloroethane	6.256	63	153313	22.647	ug/l	98
25) 2-Butanone	7.208	43	106553	109.710	ug/l	95
26) 2,2-Dichloropropane	7.197	77	144091	23.963	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	91602	21.576	ug/l	91
28) Bromochloromethane	7.538	49	63158	21.773	ug/l #	76
29) Tetrahydrofuran	7.561	42	62388	106.397	ug/l #	88
30) Chloroform	7.703	83	183663	24.118	ug/l	100
31) Cyclohexane	7.985	56	93104	18.907	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	158179	24.490	ug/l	96
36) 1,1-Dichloropropene	8.108	75	99426	20.132	ug/l	95
37) Ethyl Acetate	7.291	43	47737	22.517	ug/l #	90
38) Carbon Tetrachloride	8.097	117	132814	24.095	ug/l	94
39) Methylcyclohexane	9.350	83	96906	18.214	ug/l	98
40) Benzene	8.344	78	310587	22.227	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	28571	23.953	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	96745	22.652	ug/l	95
43) Isopropyl Acetate	8.444	43	92265	22.688	ug/l #	91
44) Trichloroethene	9.108	130	87382	22.027	ug/l	95
45) 1,2-Dichloropropane	9.379	63	91618	23.570	ug/l	93
46) Dibromomethane	9.467	93	47027	23.060	ug/l	96
47) Bromodichloromethane	9.655	83	141920	24.223	ug/l	97
48) Methyl methacrylate	9.450	41	44385	22.481	ug/l #	86
49) 1,4-Dioxane	9.450	88	11110	457.975	ug/l #	94
51) 4-Methyl-2-Pentanone	10.220	43	259347	118.853	ug/l	91
52) Toluene	10.397	92	214393	23.095	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	125961	24.672	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	139815	23.163	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	78546	25.405	ug/l	96
56) Ethyl methacrylate	10.655	69	80900	21.965	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	121133	23.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	174745	114.483	ug/l	93
59) 2-Hexanone	10.979	43	170165	114.678	ug/l	92
60) Dibromochloromethane	11.132	129	102676	25.745	ug/l	100
61) 1,2-Dibromoethane	11.238	107	65819	23.977	ug/l	97
64) Tetrachloroethene	10.867	164	72893	23.139	ug/l	98
65) Chlorobenzene	11.661	112	258028	23.936	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	109478	25.402	ug/l	100
67) Ethyl Benzene	11.738	91	431294	22.930	ug/l	99
68) m/p-Xylenes	11.844	106	337252	47.261	ug/l	97
69) o-Xylene	12.173	106	160067	23.249	ug/l	96
70) Styrene	12.185	104	290082	23.906	ug/l	97
71) Bromoform	12.349	173	58250	25.496	ug/l #	98
73) Isopropylbenzene	12.473	105	470046	22.726	ug/l	99
74) N-amyl acetate	12.279	43	94461	21.766	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	92514	23.614	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	56911m	20.374	ug/l	
77) Bromobenzene	12.749	156	103840	22.399	ug/l	95
78) n-propylbenzene	12.808	91	568283	22.775	ug/l	97
79) 2-Chlorotoluene	12.896	91	336492	23.060	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	413202	23.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	27494	24.153	ug/l	89
82) 4-Chlorotoluene	12.996	91	350745	23.079	ug/l	100
83) tert-Butylbenzene	13.214	119	365841	23.856	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	400495	23.120	ug/l	98
85) sec-Butylbenzene	13.390	105	555962	24.068	ug/l	99
86) p-Isopropyltoluene	13.502	119	451883	23.933	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	234300	24.390	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	232123	23.975	ug/l	99
89) n-Butylbenzene	13.832	91	430283	23.923	ug/l	99
90) Hexachloroethane	14.096	117	95575	24.727	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	208663	24.628	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14478	24.988	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	128062	24.384	ug/l	99
94) Hexachlorobutadiene	15.249	225	78840	26.800	ug/l	96
95) Naphthalene	15.384	128	217278	21.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	110392	24.084	ug/l	98

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

