

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071585.D
 Acq On : 04 Jan 2022 11:34
 Operator : VA/SY
 Sample : VD0104SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

Quant Time: Jan 04 15:39:48 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)

Internal Standards						
1) Pentafluorobenzene	7.979	168	272853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	464598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	436690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	217339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206336	56.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.880%			
35) Dibromofluoromethane	7.914	113	178983	57.321	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.640%			
50) Toluene-d8	10.337	98	655990	55.593	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.180%			
62) 4-Bromofluorobenzene	12.625	95	233486	55.684	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57677	20.173	ug/l	97
3) Chloromethane	2.214	50	76448	20.882	ug/l	97
4) Vinyl Chloride	2.355	62	85834	19.565	ug/l	99
5) Bromomethane	2.761	94	63713	20.759	ug/l	93
6) Chloroethane	2.920	64	61730	21.202	ug/l	88
7) Trichlorofluoromethane	3.279	101	120791	22.490	ug/l	100
8) Diethyl Ether	3.714	74	34385	22.363	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.096	101	69200	22.147	ug/l	94
10) Methyl Iodide	4.308	142	63860	21.016	ug/l	95
11) Tert butyl alcohol	5.208	59	22236	49.486	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	59409	20.899	ug/l	88
13) Acrolein	3.926	56	16735	95.601	ug/l	94
14) Allyl chloride	4.720	41	121537	22.604	ug/l #	77
15) Acrylonitrile	5.420	53	94610	124.948	ug/l	99
16) Acetone	4.161	43	100186	110.070	ug/l #	80
17) Carbon Disulfide	4.414	76	167435	18.077	ug/l	100
18) Methyl Acetate	4.726	43	70452	25.078	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	166543	22.695	ug/l	97
20) Methylene Chloride	4.967	84	101783	26.349	ug/l	90
21) trans-1,2-Dichloroethene	5.485	96	71032	21.574	ug/l	96
22) Diisopropyl ether	6.361	45	264370	24.153	ug/l #	89
23) Vinyl Acetate	6.308	43	639393	113.314	ug/l	96
24) 1,1-Dichloroethane	6.267	63	147212	23.460	ug/l	99
25) 2-Butanone	7.208	43	126374	116.238	ug/l #	85
26) 2,2-Dichloropropane	7.208	77	119326	23.143	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	81130	22.277	ug/l	90
28) Bromochloromethane	7.555	49	59909	23.298	ug/l #	84
29) Tetrahydrofuran	7.561	42	77625	118.917	ug/l	90
30) Chloroform	7.708	83	149597	23.627	ug/l	98
31) Cyclohexane	7.985	56	127448	20.704	ug/l	97
32) 1,1,1-Trichloroethane	7.908	97	133914	23.848	ug/l	94
36) 1,1-Dichloropropene	8.114	75	111491	22.349	ug/l	94
37) Ethyl Acetate	7.296	43	52754	22.906	ug/l #	91
38) Carbon Tetrachloride	8.096	117	112468	22.852	ug/l	92
39) Methylcyclohexane	9.355	83	119201	20.413	ug/l	95
40) Benzene	8.349	78	298378	22.249	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	30655	22.409	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	101392	23.186	ug/l	91
43) Isopropyl Acetate	8.449	43	107626	23.548	ug/l #	87
44) Trichloroethene	9.108	130	74401	21.290	ug/l	89
45) 1,2-Dichloropropane	9.384	63	80505	23.134	ug/l	93
46) Dibromomethane	9.473	93	45005	23.409	ug/l	93
47) Bromodichloromethane	9.655	83	117432	24.058	ug/l	91
48) Methyl methacrylate	9.455	41	52309	23.128	ug/l #	80
49) 1,4-Dioxane	9.461	88	8753	402.893	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	281486	117.063	ug/l	90
52) Toluene	10.402	92	189682	22.266	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	108081	23.712	ug/l	98
54) cis-1,3-Dichloropropene	10.090	75	122876	23.329	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	59662	24.449	ug/l #	85
56) Ethyl methacrylate	10.655	69	73478	22.881	ug/l #	70
57) 1,3-Dichloropropane	10.943	76	107858	24.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	173830	113.005	ug/l	99
59) 2-Hexanone	10.978	43	200549	117.993	ug/l	87
60) Dibromochloromethane	11.137	129	73456	23.945	ug/l	98
61) 1,2-Dibromoethane	11.243	107	54930	22.726	ug/l	99
64) Tetrachloroethene	10.873	164	63963	21.078	ug/l	93
65) Chlorobenzene	11.667	112	203265	22.692	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	76989	23.527	ug/l	98
67) Ethyl Benzene	11.737	91	372662	22.355	ug/l	98
68) m/p-Xylenes	11.849	106	281904	44.511	ug/l	95
69) o-Xylene	12.173	106	133328	23.030	ug/l	97
70) Styrene	12.190	104	230797	22.949	ug/l	97
71) Bromoform	12.355	173	40939	23.119	ug/l #	97
73) Isopropylbenzene	12.473	105	361345	21.565	ug/l	99
74) N-amyl acetate	12.278	43	97724	21.738	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	69806	23.043	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	50801m	19.672	ug/l	
77) Bromobenzene	12.755	156	80631	21.625	ug/l	99
78) n-propylbenzene	12.814	91	453603	21.597	ug/l	100
79) 2-Chlorotoluene	12.902	91	257379	21.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	304051	22.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18796	20.566	ug/l #	69
82) 4-Chlorotoluene	12.996	91	271303	22.284	ug/l	99
83) tert-Butylbenzene	13.214	119	255109	21.601	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	300696	21.983	ug/l	98
85) sec-Butylbenzene	13.390	105	400665	22.254	ug/l	99
86) p-Isopropyltoluene	13.508	119	326166	21.833	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	162348	21.621	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	163903	22.261	ug/l	99
89) n-Butylbenzene	13.831	91	319008	21.757	ug/l	99
90) Hexachloroethane	14.102	117	65413	23.114	ug/l	90
91) 1,2-Dichlorobenzene	13.878	146	140300	22.016	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11318	21.544	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	84527	21.766	ug/l	98
94) Hexachlorobutadiene	15.249	225	46675	22.436	ug/l	97
95) Naphthalene	15.384	128	156461	21.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	70635	21.029	ug/l	95

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

