

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071985.D
 Acq On : 16 Feb 2022 11:22
 Operator : VA/SY
 Sample : VD0216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

Quant Time: Feb 17 00:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2022
 Supervised By :Mahesh Dadoda 02/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	303678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	491679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194994	50.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.914	113	177111	51.812	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.338	98	619888	48.556	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.120%			
62) 4-Bromofluorobenzene	12.626	95	225432	50.566	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	67184	18.656	ug/l	98
3) Chloromethane	2.215	50	76859	17.827	ug/l	92
4) Vinyl Chloride	2.350	62	89540	19.837	ug/l	93
5) Bromomethane	2.762	94	61768	20.740	ug/l	100
6) Chloroethane	2.921	64	59537	20.813	ug/l	99
7) Trichlorofluoromethane	3.273	101	124731	19.282	ug/l	98
8) Diethyl Ether	3.715	74	32143	18.832	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.103	101	75180	20.600	ug/l	97
10) Methyl Iodide	4.303	142	57768	15.440	ug/l	96
11) Tert butyl alcohol	5.226	59	21818	64.598	ug/l	95
12) 1,1-Dichloroethene	4.068	96	60729	18.202	ug/l	96
13) Acrolein	3.926	56	37972	111.381	ug/l	99
14) Allyl chloride	4.720	41	124594	19.592	ug/l	99
15) Acrylonitrile	5.420	53	91677	105.680	ug/l	99
16) Acetone	4.156	43	95884	91.257	ug/l	99
17) Carbon Disulfide	4.415	76	162587	13.976	ug/l	99
18) Methyl Acetate	4.715	43	51632	22.728	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	164954	20.667	ug/l	100
20) Methylene Chloride	4.962	84	81114	18.818	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	71318	18.362	ug/l	100
22) Diisopropyl ether	6.362	45	276290	22.166	ug/l	97
23) Vinyl Acetate	6.309	43	691587	100.579	ug/l	98
24) 1,1-Dichloroethane	6.267	63	153554	21.136	ug/l	98
25) 2-Butanone	7.214	43	121929	99.543	ug/l	99
26) 2,2-Dichloropropane	7.209	77	123466	20.537	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	82434	19.761	ug/l	98
28) Bromochloromethane	7.544	49	49099	17.918	ug/l #	20
29) Tetrahydrofuran	7.561	42	76162	105.087	ug/l	94
30) Chloroform	7.714	83	160139	21.576	ug/l	96
31) Cyclohexane	7.985	56	129575	17.683	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	136074	20.785	ug/l	98
36) 1,1-Dichloropropene	8.109	75	109667	18.692	ug/l	98
37) Ethyl Acetate	7.291	43	58171	21.325	ug/l	100
38) Carbon Tetrachloride	8.097	117	115821	19.962	ug/l	94
39) Methylcyclohexane	9.356	83	112393	16.533	ug/l	93
40) Benzene	8.350	78	309437	19.538	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	30593	19.824	ug/l	90
42) 1,2-Dichloroethane	8.420	62	105591	21.114	ug/l	98
43) Isopropyl Acetate	8.450	43	104507	21.316	ug/l	98
44) Trichloroethene	9.108	130	79938	19.549	ug/l	91
45) 1,2-Dichloropropane	9.385	63	86932	21.288	ug/l	96
46) Dibromomethane	9.473	93	45200	21.139	ug/l	97
47) Bromodichloromethane	9.656	83	123407	21.823	ug/l	93
48) Methyl methacrylate	9.456	41	50686	19.535	ug/l	97
49) 1,4-Dioxane	9.461	88	9235	378.397	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	275560	107.406	ug/l	98
52) Toluene	10.403	92	198888	20.195	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	105717	20.355	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	122569	20.133	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	60549	21.337	ug/l	98
56) Ethyl methacrylate	10.655	69	68840	19.593	ug/l	95
57) 1,3-Dichloropropane	10.944	76	108448	21.406	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	162214	98.074	ug/l	98
59) 2-Hexanone	10.979	43	186230	100.009	ug/l	94
60) Dibromochloromethane	11.138	129	75061	21.420	ug/l	97
61) 1,2-Dibromoethane	11.238	107	55986	20.477	ug/l	100
64) Tetrachloroethene	10.867	164	62868	18.076	ug/l	97
65) Chlorobenzene	11.661	112	209549	20.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	80674	21.319	ug/l	99
67) Ethyl Benzene	11.738	91	368548	19.255	ug/l	98
68) m/p-Xylenes	11.844	106	285853	39.265	ug/l	97
69) o-Xylene	12.173	106	128946	19.490	ug/l	100
70) Styrene	12.185	104	234797	20.590	ug/l	97
71) Bromoform	12.355	173	40680	20.134	ug/l #	98
73) Isopropylbenzene	12.473	105	352109	18.097	ug/l	100
74) N-amyl acetate	12.279	43	93145	19.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	73530	20.422	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	49737m	18.783	ug/l	
77) Bromobenzene	12.749	156	79819	18.442	ug/l	99
78) n-propylbenzene	12.808	91	459887	18.850	ug/l	99
79) 2-Chlorotoluene	12.897	91	255868	18.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	315234	19.533	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	19331	17.949	ug/l	98
82) 4-Chlorotoluene	12.997	91	273749	19.032	ug/l	98
83) tert-Butylbenzene	13.214	119	251648	18.815	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	309479	19.495	ug/l	99
85) sec-Butylbenzene	13.391	105	397295	18.984	ug/l	99
86) p-Isopropyltoluene	13.502	119	325351	19.132	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	166281	18.920	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	166420	18.974	ug/l	97
89) n-Butylbenzene	13.832	91	319631	19.157	ug/l	99
90) Hexachloroethane	14.096	117	67620	20.004	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	144845	19.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11160	18.715	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	82480	18.773	ug/l	97
94) Hexachlorobutadiene	15.249	225	47394	19.783	ug/l	99
95) Naphthalene	15.385	128	140522	17.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	70294	18.666	ug/l	100

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

