

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071911.D
 Acq On : 08 Feb 2022 11:31
 Operator : VA/SY
 Sample : VD0208SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:49:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	382864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	581301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258535	53.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.914	113	240201	56.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.940%			
50) Toluene-d8	10.332	98	883213	55.598	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.620	95	303592	54.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91835	20.227	ug/l	97
3) Chloromethane	2.209	50	95920	17.646	ug/l	99
4) Vinyl Chloride	2.350	62	100787	17.710	ug/l	95
5) Bromomethane	2.756	94	63025	16.785	ug/l	96
6) Chloroethane	2.915	64	62863	17.431	ug/l	98
7) Trichlorofluoromethane	3.273	101	150576	18.463	ug/l	98
8) Diethyl Ether	3.709	74	37404	17.382	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	87193	18.950	ug/l	98
10) Methyl Iodide	4.297	142	68333	14.487	ug/l	99
11) Tert butyl alcohol	5.232	59	24173	50.726	ug/l	98
12) 1,1-Dichloroethene	4.067	96	76365	18.155	ug/l	96
13) Acrolein	3.920	56	50755	118.085	ug/l	99
14) Allyl chloride	4.720	41	145773	18.181	ug/l	97
15) Acrylonitrile	5.420	53	97068	88.752	ug/l	98
16) Acetone	4.156	43	94966	71.689	ug/l	96
17) Carbon Disulfide	4.409	76	221505	15.103	ug/l	97
18) Methyl Acetate	4.714	43	49144	17.159	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	184403	18.326	ug/l	95
20) Methylene Chloride	4.961	84	89255	15.910	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	85727	17.507	ug/l	98
22) Diisopropyl ether	6.367	45	299016	19.028	ug/l	95
23) Vinyl Acetate	6.303	43	772717	89.135	ug/l	99
24) 1,1-Dichloroethane	6.256	63	179827	19.633	ug/l	97
25) 2-Butanone	7.208	43	130543	84.533	ug/l	100
26) 2,2-Dichloropropane	7.208	77	143594	18.945	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	98554	18.739	ug/l	98
28) Bromochloromethane	7.544	49	61319	17.749	ug/l	93
29) Tetrahydrofuran	7.555	42	81111	88.768	ug/l	97
30) Chloroform	7.708	83	182738	19.528	ug/l	93
31) Cyclohexane	7.985	56	158292	17.134	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	157436	19.075	ug/l	97
36) 1,1-Dichloropropene	8.108	75	131765	18.048	ug/l	98
37) Ethyl Acetate	7.285	43	61392	18.087	ug/l	99
38) Carbon Tetrachloride	8.097	117	135705	18.796	ug/l	99
39) Methylcyclohexane	9.350	83	145448	17.194	ug/l	94
40) Benzene	8.344	78	361212	18.329	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	37280	19.414	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	114716	18.434	ug/l	98
43) Isopropyl Acetate	8.450	43	111924	18.346	ug/l	100
44) Trichloroethene	9.108	130	94376	18.548	ug/l	98
45) 1,2-Dichloropropane	9.379	63	96166	18.925	ug/l	97
46) Dibromomethane	9.473	93	47723	17.936	ug/l	98
47) Bromodichloromethane	9.655	83	134151	19.065	ug/l	96
48) Methyl methacrylate	9.449	41	56260	17.425	ug/l	99
49) 1,4-Dioxane	9.455	88	11125	366.331	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	286825	89.844	ug/l	100
52) Toluene	10.397	92	228173	18.620	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	119617	18.509	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	138959	18.343	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	65281	18.487	ug/l	96
56) Ethyl methacrylate	10.655	69	78338	17.918	ug/l	96
57) 1,3-Dichloropropane	10.938	76	119119	18.896	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	192983	93.766	ug/l	99
59) 2-Hexanone	10.979	43	196364	84.745	ug/l	98
60) Dibromochloromethane	11.132	129	84192	19.308	ug/l	96
61) 1,2-Dibromoethane	11.238	107	61601	18.106	ug/l	97
64) Tetrachloroethene	10.867	164	76656	18.643	ug/l	97
65) Chlorobenzene	11.661	112	238434	19.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	87835	19.633	ug/l	98
67) Ethyl Benzene	11.738	91	431592	19.073	ug/l	99
68) m/p-Xylenes	11.849	106	330716	38.424	ug/l	100
69) o-Xylene	12.173	106	151462	19.364	ug/l	99
70) Styrene	12.191	104	262757	19.489	ug/l	98
71) Bromoform	12.349	173	44501	18.630	ug/l #	99
73) Isopropylbenzene	12.473	105	410710	18.460	ug/l	99
74) N-amyl acetate	12.279	43	100840	18.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	75281	18.285	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	60647m	20.029	ug/l	
77) Bromobenzene	12.749	156	90093	18.204	ug/l	100
78) n-propylbenzene	12.808	91	526726	18.881	ug/l	99
79) 2-Chlorotoluene	12.896	91	297938	18.846	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	352438	19.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21241	17.248	ug/l	98
82) 4-Chlorotoluene	12.996	91	304448	18.510	ug/l	99
83) tert-Butylbenzene	13.214	119	290163	18.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	344750	18.992	ug/l	99
85) sec-Butylbenzene	13.390	105	452750	18.920	ug/l	99
86) p-Isopropyltoluene	13.508	119	371113	19.085	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	187152	18.623	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	182439	18.190	ug/l	98
89) n-Butylbenzene	13.832	91	364159	19.088	ug/l	99
90) Hexachloroethane	14.102	117	75951	19.650	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	161321	18.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12061	17.689	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	94590	18.828	ug/l	97
94) Hexachlorobutadiene	15.249	225	53637	19.580	ug/l	99
95) Naphthalene	15.384	128	157977	16.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	80546	18.705	ug/l	100

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

