

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071818.D
 Acq On : 28 Jan 2022 12:29
 Operator : VA/SY
 Sample : VD0128SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 04:50:41 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	392558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	604172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279590	56.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.700%			
35) Dibromofluoromethane	7.914	113	245392	56.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.820%			
50) Toluene-d8	10.338	98	938466	57.770	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.540%			
62) 4-Bromofluorobenzene	12.626	95	319108	56.251	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	107610	23.116	ug/l	93
3) Chloromethane	2.209	50	119492	21.440	ug/l	94
4) Vinyl Chloride	2.350	62	125951	21.586	ug/l	97
5) Bromomethane	2.756	94	77815	20.212	ug/l	93
6) Chloroethane	2.921	64	78217	21.153	ug/l	99
7) Trichlorofluoromethane	3.274	101	174836	20.908	ug/l	100
8) Diethyl Ether	3.715	74	45175	20.474	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	100077	21.213	ug/l	99
10) Methyl Iodide	4.303	142	90796	18.774	ug/l	98
11) Tert butyl alcohol	5.220	59	43332m	125.983	ug/l	
12) 1,1-Dichloroethene	4.073	96	91476	21.211	ug/l	95
13) Acrolein	3.921	56	49070	111.345	ug/l	100
14) Allyl chloride	4.721	41	167707	20.400	ug/l	99
15) Acrylonitrile	5.420	53	111872	99.762	ug/l	100
16) Acetone	4.150	43	118341	87.129	ug/l	96
17) Carbon Disulfide	4.409	76	310376	20.639	ug/l	99
18) Methyl Acetate	4.721	43	55877	19.028	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	205352	19.903	ug/l	100
20) Methylene Chloride	4.962	84	106720	19.225	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	101551	20.226	ug/l	98
22) Diisopropyl ether	6.367	45	340391	21.126	ug/l	97
23) Vinyl Acetate	6.309	43	916360	103.095	ug/l	98
24) 1,1-Dichloroethane	6.267	63	199334	21.225	ug/l	99
25) 2-Butanone	7.214	43	155937	98.483	ug/l	95
26) 2,2-Dichloropropane	7.209	77	163168	20.995	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	110805	20.548	ug/l	98
28) Bromochloromethane	7.544	49	66414	18.749	ug/l	99
29) Tetrahydrofuran	7.562	42	94002	100.336	ug/l	99
30) Chloroform	7.709	83	199910	20.836	ug/l	99
31) Cyclohexane	7.985	56	189386	19.993	ug/l #	89
32) 1,1,1-Trichloroethane	7.903	97	171789	20.300	ug/l	98
36) 1,1-Dichloropropene	8.114	75	158058	21.171	ug/l	99
37) Ethyl Acetate	7.291	43	64827	18.677	ug/l	97
38) Carbon Tetrachloride	8.097	117	151874	20.570	ug/l	98
39) Methylcyclohexane	9.356	83	173493	20.056	ug/l	94
40) Benzene	8.350	78	422989	20.989	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	35415	18.035	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	132374	20.802	ug/l	99
43) Isopropyl Acetate	8.450	43	125436	20.107	ug/l	98
44) Trichloroethene	9.108	130	109240	20.994	ug/l	97
45) 1,2-Dichloropropane	9.385	63	108105	20.804	ug/l	96
46) Dibromomethane	9.473	93	54811	20.145	ug/l	98
47) Bromodichloromethane	9.661	83	149615	20.792	ug/l	97
48) Methyl methacrylate	9.456	41	65960	19.978	ug/l	94
49) 1,4-Dioxane	9.456	88	12645	407.174	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	323132	98.979	ug/l	100
52) Toluene	10.397	92	261590	20.874	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	133320	20.173	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	158336	20.439	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	74042	20.504	ug/l	97
56) Ethyl methacrylate	10.655	69	88728	19.846	ug/l	98
57) 1,3-Dichloropropane	10.938	76	135240	20.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	220324	104.683	ug/l	100
59) 2-Hexanone	10.979	43	228288	96.344	ug/l	96
60) Dibromochloromethane	11.132	129	91439	20.506	ug/l	100
61) 1,2-Dibromoethane	11.238	107	69840	20.074	ug/l	98
64) Tetrachloroethene	10.873	164	93347	21.843	ug/l	98
65) Chlorobenzene	11.667	112	267417	20.922	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	98675	21.221	ug/l	97
67) Ethyl Benzene	11.738	91	489841	20.827	ug/l	99
68) m/p-Xylenes	11.850	106	380339	42.516	ug/l	99
69) o-Xylene	12.173	106	166706	20.506	ug/l	98
70) Styrene	12.191	104	295753	21.106	ug/l	100
71) Bromoform	12.355	173	50364	20.286	ug/l #	100
73) Isopropylbenzene	12.473	105	454069	20.065	ug/l	100
74) N-amyl acetate	12.279	43	113765	20.442	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	86042	20.546	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	57913m	18.803	ug/l	
77) Bromobenzene	12.755	156	103138	20.488	ug/l	96
78) n-propylbenzene	12.814	91	589293	20.767	ug/l	99
79) 2-Chlorotoluene	12.902	91	330013	20.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	392798	20.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24118	19.254	ug/l	98
82) 4-Chlorotoluene	12.997	91	348345	20.822	ug/l	99
83) tert-Butylbenzene	13.214	119	324307	20.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	383980	20.796	ug/l	98
85) sec-Butylbenzene	13.391	105	506895	20.825	ug/l	100
86) p-Isopropyltoluene	13.508	119	411230	20.791	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	210747	20.617	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	207497	20.340	ug/l	99
89) n-Butylbenzene	13.832	91	396823	20.449	ug/l	100
90) Hexachloroethane	14.102	117	79082	20.115	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	181004	20.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13533	19.512	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	103950	20.342	ug/l	98
94) Hexachlorobutadiene	15.249	225	57403	20.601	ug/l	96
95) Naphthalene	15.385	128	180805	18.746	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	87896	20.067	ug/l	99

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

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