

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072115.D
 Acq On : 28 Feb 2022 11:42
 Operator : VA/SY
 Sample : VD0228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0228SBS01

Quant Time: Feb 28 16:27:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	474805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	774364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	346573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262663	53.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.660%			
35) Dibromofluoromethane	7.914	113	257103	54.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.600%			
50) Toluene-d8	10.338	98	986649	56.709	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.420%			
62) 4-Bromofluorobenzene	12.620	95	353681	55.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	86984	19.430	ug/l	98
3) Chloromethane	2.209	50	79886	19.880	ug/l	97
4) Vinyl Chloride	2.350	62	75327	18.639	ug/l	95
5) Bromomethane	2.756	94	46248	16.858	ug/l	99
6) Chloroethane	2.921	64	47337	18.531	ug/l	98
7) Trichlorofluoromethane	3.274	101	152592	19.516	ug/l	98
8) Diethyl Ether	3.709	74	42304	18.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	96187	19.690	ug/l	99
10) Methyl Iodide	4.297	142	73411	15.750	ug/l	99
11) Tert butyl alcohol	5.209	59	29651	105.515	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	79193	18.252	ug/l	95
13) Acrolein	3.926	56	39403	71.107	ug/l	98
14) Allyl chloride	4.715	41	138716	18.242	ug/l	99
15) Acrylonitrile	5.426	53	113757	94.430	ug/l	99
16) Acetone	4.156	43	99939	93.892	ug/l	100
17) Carbon Disulfide	4.409	76	168361	14.417	ug/l #	95
18) Methyl Acetate	4.721	43	57906	20.741	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	214194	20.292	ug/l	94
20) Methylene Chloride	4.968	84	104420	19.711	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	87671	17.982	ug/l	97
22) Diisopropyl ether	6.367	45	323319	20.362	ug/l	95
23) Vinyl Acetate	6.303	43	840582	99.130	ug/l	99
24) 1,1-Dichloroethane	6.268	63	188800	19.986	ug/l	100
25) 2-Butanone	7.215	43	139931	95.117	ug/l	100
26) 2,2-Dichloropropane	7.209	77	157670	20.858	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	110307	19.748	ug/l	98
28) Bromochloromethane	7.544	49	79903	19.842	ug/l	99
29) Tetrahydrofuran	7.562	42	87539	93.237	ug/l	97
30) Chloroform	7.709	83	200012	20.622	ug/l	96
31) Cyclohexane	7.979	56	149797	17.219	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	170746	20.457	ug/l	98
36) 1,1-Dichloropropene	8.109	75	130650	18.384	ug/l	100
37) Ethyl Acetate	7.291	43	63688	19.326	ug/l	99
38) Carbon Tetrachloride	8.097	117	145274	19.944	ug/l	99
39) Methylcyclohexane	9.356	83	146699	17.637	ug/l	99
40) Benzene	8.350	78	386958	19.296	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	35652	17.446	ug/l	94
42) 1,2-Dichloroethane	8.426	62	119007	19.784	ug/l	99
43) Isopropyl Acetate	8.450	43	120727	19.672	ug/l	98
44) Trichloroethene	9.109	130	107216	19.616	ug/l	99
45) 1,2-Dichloropropane	9.385	63	106889	19.982	ug/l	97
46) Dibromomethane	9.473	93	54249	19.217	ug/l	99
47) Bromodichloromethane	9.661	83	150347	20.646	ug/l	98
48) Methyl methacrylate	9.450	41	56154	18.114	ug/l #	87
49) 1,4-Dioxane	9.456	88	12815	382.671	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	313349	96.345	ug/l	99
52) Toluene	10.397	92	254878	19.861	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	136751	20.534	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	163555	20.750	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	81993	20.639	ug/l	96
56) Ethyl methacrylate	10.656	69	92175	19.430	ug/l	98
57) 1,3-Dichloropropane	10.938	76	137669	20.050	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	218354	102.883	ug/l	100
59) 2-Hexanone	10.979	43	209564	94.466	ug/l	100
60) Dibromochloromethane	11.138	129	104076	20.979	ug/l	98
61) 1,2-Dibromoethane	11.238	107	73693	19.412	ug/l	99
64) Tetrachloroethene	10.873	164	89493	19.824	ug/l	96
65) Chlorobenzene	11.661	112	279991	20.204	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	110234	21.432	ug/l	99
67) Ethyl Benzene	11.738	91	490964	20.148	ug/l	99
68) m/p-Xylenes	11.844	106	381417	40.888	ug/l	99
69) o-Xylene	12.173	106	178400	20.330	ug/l	98
70) Styrene	12.185	104	313517	20.819	ug/l	99
71) Bromoform	12.350	173	61003	20.680	ug/l #	97
73) Isopropylbenzene	12.473	105	503485	21.158	ug/l	100
74) N-amyl acetate	12.279	43	115825	20.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	91641	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	73572m	22.411	ug/l	
77) Bromobenzene	12.750	156	114941	20.627	ug/l	99
78) n-propylbenzene	12.808	91	619451	21.179	ug/l	100
79) 2-Chlorotoluene	12.897	91	348059	20.561	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	432191	21.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28347	21.624	ug/l	98
82) 4-Chlorotoluene	12.997	91	368515	20.916	ug/l	99
83) tert-Butylbenzene	13.214	119	371312	21.750	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	425985	21.809	ug/l	100
85) sec-Butylbenzene	13.391	105	559456	21.512	ug/l	100
86) p-Isopropyltoluene	13.508	119	467437	21.853	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	236008	20.951	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	235327	20.791	ug/l	98
89) n-Butylbenzene	13.832	91	439449	21.606	ug/l	100
90) Hexachloroethane	14.097	117	86438	20.132	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	209136	21.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	14782	20.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.144	180	133571	22.013	ug/l	100
94) Hexachlorobutadiene	15.249	225	74586	22.354	ug/l	99
95) Naphthalene	15.385	128	226078	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	113936	21.770	ug/l	97

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

