

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073745.D
 Acq On : 28 Jun 2022 12:04
 Operator : VA/SY
 Sample : VD0628SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0628SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 16:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	250660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	414112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	393416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	201962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	105826	52.083	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.160%			
35) Dibromofluoromethane	7.908	113	108335	45.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.660%			
50) Toluene-d8	10.332	98	352919	43.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.100%			
62) 4-Bromofluorobenzene	12.620	95	155213	46.511	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	31049	22.275	ug/l	99
3) Chloromethane	2.209	50	25677	20.488	ug/l	97
4) Vinyl Chloride	2.350	62	28506	21.528	ug/l	93
5) Bromomethane	2.750	94	24258	24.236	ug/l	100
6) Chloroethane	2.909	64	21813	22.425	ug/l	98
7) Trichlorofluoromethane	3.267	101	75831	21.912	ug/l	94
8) Diethyl Ether	3.714	74	19425	20.515	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	44870	21.818	ug/l	97
10) Methyl Iodide	4.303	142	38129	21.321	ug/l	98
11) Tert butyl alcohol	5.191	59	28576m	63.307	ug/l	
12) 1,1-Dichloroethene	4.062	96	35345	21.083	ug/l	94
13) Acrolein	3.920	56	16721	215.754	ug/l	93
14) Allyl chloride	4.703	41	51548	19.699	ug/l	97
15) Acrylonitrile	5.420	53	50144	101.409	ug/l	99
16) Acetone	4.162	43	43417	109.010	ug/l	94
17) Carbon Disulfide	4.403	76	66297	20.528	ug/l	99
18) Methyl Acetate	4.714	43	24759	20.414	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	102227	19.889	ug/l	95
20) Methylene Chloride	4.956	84	83892	30.469	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	41610	21.037	ug/l	89
22) Diisopropyl ether	6.356	45	135800	21.153	ug/l	95
23) Vinyl Acetate	6.303	43	338591	101.509	ug/l	98
24) 1,1-Dichloroethane	6.256	63	85883	21.453	ug/l #	96
25) 2-Butanone	7.214	43	58882	99.306	ug/l	93
26) 2,2-Dichloropropane	7.203	77	82449	21.631	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	50693	20.005	ug/l	92
28) Bromochloromethane	7.538	49	28887	19.324	ug/l	97
29) Tetrahydrofuran	7.555	42	35743	99.593	ug/l	99
30) Chloroform	7.702	83	101299	21.623	ug/l	98
31) Cyclohexane	7.979	56	59358	20.759	ug/l #	92
32) 1,1,1-Trichloroethane	7.897	97	90024	22.059	ug/l	99
36) 1,1-Dichloropropene	8.108	75	65072	21.861	ug/l	96
37) Ethyl Acetate	7.291	43	25567	18.849	ug/l #	95
38) Carbon Tetrachloride	8.091	117	77978	21.377	ug/l	96
39) Methylcyclohexane	9.349	83	61751	20.405	ug/l	97
40) Benzene	8.344	78	183938	20.763	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	13356	16.436	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	60292	21.461	ug/l	99
43) Isopropyl Acetate	8.450	43	51627	19.490	ug/l	97
44) Trichloroethene	9.102	130	55275	21.564	ug/l	97
45) 1,2-Dichloropropane	9.385	63	47890	20.076	ug/l	96
46) Dibromomethane	9.467	93	27161	19.853	ug/l	99
47) Bromodichloromethane	9.655	83	78288	21.335	ug/l #	91
48) Methyl methacrylate	9.449	41	23501	19.518	ug/l	93
49) 1,4-Dioxane	9.455	88	6431	381.789	ug/l #	76
51) 4-Methyl-2-Pentanone	10.220	43	140591	100.279	ug/l	99
52) Toluene	10.396	92	129101	21.683	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	70600	21.177	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	78956	20.810	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	42239	20.983	ug/l	91
56) Ethyl methacrylate	10.649	69	44255	19.281	ug/l	99
57) 1,3-Dichloropropane	10.938	76	67230	20.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	78690	89.068	ug/l	98
59) 2-Hexanone	10.973	43	96566	101.464	ug/l	93
60) Dibromochloromethane	11.132	129	56993	21.474	ug/l	97
61) 1,2-Dibromoethane	11.238	107	38315	20.167	ug/l	95
64) Tetrachloroethene	10.867	164	43740	20.429	ug/l	94
65) Chlorobenzene	11.661	112	144826	20.788	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.732	131	60122	21.177	ug/l	99
67) Ethyl Benzene	11.738	91	251284	21.165	ug/l	94
68) m/p-Xylenes	11.843	106	194852	42.591	ug/l	96
69) o-Xylene	12.167	106	94120	21.782	ug/l	100
70) Styrene	12.185	104	164363	21.917	ug/l	99
71) Bromoform	12.349	173	33720	20.737	ug/l #	96
73) Isopropylbenzene	12.467	105	259659	21.400	ug/l	99
74) N-amyl acetate	12.279	43	51268	19.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	48695	19.909	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	35612m	23.569	ug/l	
77) Bromobenzene	12.749	156	65330	21.697	ug/l	94
78) n-propylbenzene	12.808	91	321030	21.279	ug/l	99
79) 2-Chlorotoluene	12.896	91	187402	21.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	223740	21.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	14631	19.722	ug/l	96
82) 4-Chlorotoluene	12.990	91	199344	21.359	ug/l	99
83) tert-Butylbenzene	13.208	119	196055	21.597	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	226646	21.811	ug/l	99
85) sec-Butylbenzene	13.385	105	292774	21.430	ug/l	99
86) p-Isopropyltoluene	13.502	119	248478	22.038	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	134154	21.865	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	130957	21.102	ug/l	98
89) n-Butylbenzene	13.826	91	223157	21.067	ug/l	99
90) Hexachloroethane	14.096	117	50410	21.126	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	115275	20.987	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8366	20.735	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	67441	20.406	ug/l	98
94) Hexachlorobutadiene	15.243	225	37419	20.455	ug/l	98
95) Naphthalene	15.384	128	117889	19.527	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	58593	20.109	ug/l	97

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

