

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073976.D
 Acq On : 08 Aug 2022 16:54
 Operator : VA/SY
 Sample : VD0808SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 08 18:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	131758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	215440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	207939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	105749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57089	57.245	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.480%			
35) Dibromofluoromethane	7.909	113	67882	51.143	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.326	98	179211	48.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.960%			
62) 4-Bromofluorobenzene	12.620	95	92290	52.174	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	32919	25.219	ug/l	93
3) Chloromethane	2.209	50	44649	23.126	ug/l	90
4) Vinyl Chloride	2.344	62	58536	22.516	ug/l	95
5) Bromomethane	2.750	94	36040	19.975	ug/l	94
6) Chloroethane	2.909	64	41732	22.967	ug/l	99
7) Trichlorofluoromethane	3.262	101	59153	23.564	ug/l	100
8) Diethyl Ether	3.703	74	14362	24.571	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	33351	23.661	ug/l	98
10) Methyl Iodide	4.291	142	30249	21.800	ug/l	98
11) Tert butyl alcohol	5.226	59	12615	131.593	ug/l	98
12) 1,1-Dichloroethene	4.062	96	28426	22.809	ug/l	96
13) Acrolein	3.926	56	3018m	61.990	ug/l	
14) Allyl chloride	4.703	41	38392	23.209	ug/l	97
15) Acrylonitrile	5.409	53	31863	127.556	ug/l	98
16) Acetone	4.156	43	28238	134.296	ug/l	99
17) Carbon Disulfide	4.397	76	83056	21.244	ug/l	97
18) Methyl Acetate	4.715	43	16429	26.759	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	72772	25.159	ug/l	95
20) Methylene Chloride	4.950	84	55799	31.279	ug/l	99
21) trans-1,2-Dichloroethene	5.462	96	34730	23.061	ug/l	91
22) Diisopropyl ether	6.356	45	84571	23.732	ug/l	95
23) Vinyl Acetate	6.297	43	228390m	119.394	ug/l	
24) 1,1-Dichloroethane	6.256	63	56611	23.069	ug/l	97
25) 2-Butanone	7.209	43	43209	128.088	ug/l	99
26) 2,2-Dichloropropane	7.197	77	57030	23.408	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	38447	23.592	ug/l	96
28) Bromochloromethane	7.538	49	18001	22.939	ug/l	96
29) Tetrahydrofuran	7.562	42	25366	127.304	ug/l	98
30) Chloroform	7.703	83	67002	24.166	ug/l	95
31) Cyclohexane	7.979	56	47552	21.190	ug/l	95
32) 1,1,1-Trichloroethane	7.891	97	63282	23.982	ug/l	100
36) 1,1-Dichloropropene	8.103	75	48374	23.085	ug/l	97
37) Ethyl Acetate	7.285	43	18632	23.910	ug/l #	95
38) Carbon Tetrachloride	8.085	117	55556	23.808	ug/l	98
39) Methylcyclohexane	9.344	83	53638	22.387	ug/l	95
40) Benzene	8.344	78	131980	23.193	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	10772	26.174	ug/l #	94
42) 1,2-Dichloroethane	8.414	62	42776	24.778	ug/l	99
43) Isopropyl Acetate	8.438	43	37692	24.754	ug/l	98
44) Trichloroethene	9.103	130	39383	24.043	ug/l	92
45) 1,2-Dichloropropane	9.373	63	31063	23.289	ug/l	89
46) Dibromomethane	9.467	93	21171	24.092	ug/l	98
47) Bromodichloromethane	9.650	83	52682	24.613	ug/l #	98
48) Methyl methacrylate	9.444	41	18292	26.270	ug/l	92
49) 1,4-Dioxane	9.450	88	4902	525.411	ug/l #	90
51) 4-Methyl-2-Pentanone	10.220	43	94683	124.980	ug/l	98
52) Toluene	10.391	92	87402	23.222	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	44999	23.359	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	52735	24.004	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	27214	24.445	ug/l	92
56) Ethyl methacrylate	10.650	69	29243	24.183	ug/l	97
57) 1,3-Dichloropropane	10.932	76	43971	24.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	45522	100.295	ug/l	99
59) 2-Hexanone	10.973	43	65087	129.707	ug/l	99
60) Dibromochloromethane	11.126	129	36256	24.308	ug/l	99
61) 1,2-Dibromoethane	11.238	107	27775	24.949	ug/l	99
64) Tetrachloroethene	10.861	164	33179	22.745	ug/l	94
65) Chlorobenzene	11.655	112	94605	22.522	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.726	131	37873	23.577	ug/l	99
67) Ethyl Benzene	11.732	91	162307	22.262	ug/l	98
68) m/p-Xylenes	11.844	106	132513	44.839	ug/l	99
69) o-Xylene	12.167	106	60257	22.202	ug/l	96
70) Styrene	12.179	104	104115	22.454	ug/l	98
71) Bromoform	12.350	173	21834	23.786	ug/l #	98
73) Isopropylbenzene	12.467	105	164023	22.672	ug/l	98
74) N-amyl acetate	12.279	43	34479	24.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	31328	23.884	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	20958m	21.507	ug/l	
77) Bromobenzene	12.744	156	38364	22.512	ug/l	94
78) n-propylbenzene	12.808	91	203141	22.815	ug/l	99
79) 2-Chlorotoluene	12.891	91	112344	22.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	142520	23.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	9014	23.223	ug/l	98
82) 4-Chlorotoluene	12.991	91	120201	22.525	ug/l	100
83) tert-Butylbenzene	13.208	119	121039	22.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	141783	23.028	ug/l	99
85) sec-Butylbenzene	13.385	105	177353	21.973	ug/l	98
86) p-Isopropyltoluene	13.502	119	150434	21.978	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	82306	23.068	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	81792	22.829	ug/l	98
89) n-Butylbenzene	13.826	91	142066	22.607	ug/l	98
90) Hexachloroethane	14.091	117	30429	22.899	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	70666	22.984	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5563	25.875	ug/l	86
93) 1,2,4-Trichlorobenzene	15.138	180	42061	22.955	ug/l	98
94) Hexachlorobutadiene	15.243	225	23488	23.246	ug/l	97
95) Naphthalene	15.379	128	77873	23.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	38709	23.423	ug/l	96

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

