

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073190.D
 Acq On : 20 May 2022 18:26
 Operator : VA/SY
 Sample : VD0520SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS01

Quant Time: May 21 00:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	321883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	546256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	523956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185451	52.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.260%			
35) Dibromofluoromethane	7.908	113	186648	51.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.560%			
50) Toluene-d8	10.332	98	687664	51.753	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.620	95	248876	53.372	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67962	21.130	ug/l	97
3) Chloromethane	2.208	50	69246	19.040	ug/l	100
4) Vinyl Chloride	2.344	62	62780	18.877	ug/l	98
5) Bromomethane	2.750	94	48143	20.174	ug/l	90
6) Chloroethane	2.908	64	41530	20.314	ug/l	98
7) Trichlorofluoromethane	3.267	101	117777	20.028	ug/l	99
8) Diethyl Ether	3.708	74	31924	19.756	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	68660	19.569	ug/l	94
10) Methyl Iodide	4.291	142	63880	16.875	ug/l	96
11) Tert butyl alcohol	5.220	59	32853m	59.526	ug/l	
12) 1,1-Dichloroethene	4.061	96	62349	19.274	ug/l	91
13) Acrolein	3.920	56	29543	126.800	ug/l	98
14) Allyl chloride	4.714	41	94417	18.082	ug/l	93
15) Acrylonitrile	5.414	53	74681	101.071	ug/l	100
16) Acetone	4.155	43	57969	94.082	ug/l #	88
17) Carbon Disulfide	4.402	76	196413	18.316	ug/l	97
18) Methyl Acetate	4.720	43	36443	21.270	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	147201	19.975	ug/l	99
20) Methylene Chloride	4.955	84	112626	26.980	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	73714	18.847	ug/l	93
22) Diisopropyl ether	6.355	45	223059	20.378	ug/l #	94
23) Vinyl Acetate	6.302	43	574415m	98.383	ug/l	
24) 1,1-Dichloroethane	6.255	63	138477	19.709	ug/l	100
25) 2-Butanone	7.208	43	90499	100.392	ug/l	94
26) 2,2-Dichloropropane	7.208	77	111281	18.572	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	84252	19.468	ug/l	91
28) Bromochloromethane	7.538	49	46868	19.363	ug/l #	82
29) Tetrahydrofuran	7.561	42	58012	99.523	ug/l	93
30) Chloroform	7.702	83	149410	20.369	ug/l	98
31) Cyclohexane	7.979	56	117007	18.822	ug/l	94
32) 1,1,1-Trichloroethane	7.896	97	128077	19.964	ug/l	96
36) 1,1-Dichloropropene	8.102	75	104268	19.233	ug/l	96
37) Ethyl Acetate	7.291	43	43988	20.542	ug/l #	93
38) Carbon Tetrachloride	8.090	117	108009	19.655	ug/l	96
39) Methylcyclohexane	9.349	83	109856	18.183	ug/l	95
40) Benzene	8.343	78	313322	20.054	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	21579	17.296	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	89916	20.683	ug/l	95
43) Isopropyl Acetate	8.449	43	80089	20.235	ug/l #	91
44) Trichloroethene	9.108	130	81973	19.675	ug/l	94
45) 1,2-Dichloropropane	9.385	63	78572	19.969	ug/l	94
46) Dibromomethane	9.467	93	44316	20.507	ug/l	97
47) Bromodichloromethane	9.655	83	113050	20.445	ug/l #	97
48) Methyl methacrylate	9.449	41	38166	19.166	ug/l #	87
49) 1,4-Dioxane	9.455	88	8972	402.028	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	212890	103.561	ug/l	95
52) Toluene	10.396	92	202750	20.536	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	99472	19.913	ug/l	99
54) cis-1,3-Dichloropropene	10.084	75	120558	20.167	ug/l #	86
55) 1,1,2-Trichloroethane	10.784	97	59852	20.481	ug/l	96
56) Ethyl methacrylate	10.655	69	64610	19.886	ug/l #	88
57) 1,3-Dichloropropane	10.937	76	101841	20.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	124806	95.480	ug/l	97
59) 2-Hexanone	10.973	43	139539	102.959	ug/l	97
60) Dibromochloromethane	11.132	129	77510	21.272	ug/l	99
61) 1,2-Dibromoethane	11.237	107	57574	20.618	ug/l	100
64) Tetrachloroethene	10.867	164	67515	19.673	ug/l	96
65) Chlorobenzene	11.661	112	211404	19.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	82232	20.628	ug/l	97
67) Ethyl Benzene	11.737	91	365533	19.372	ug/l	99
68) m/p-Xylenes	11.843	106	288326	39.330	ug/l	99
69) o-Xylene	12.173	106	130114	19.320	ug/l	98
70) Styrene	12.184	104	232933	20.103	ug/l	98
71) Bromoform	12.349	173	43892	21.393	ug/l #	98
73) Isopropylbenzene	12.467	105	345858	18.763	ug/l	100
74) N-amyl acetate	12.278	43	77269	19.216	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	68348	20.105	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	49735m	19.604	ug/l	
77) Bromobenzene	12.749	156	87268	20.112	ug/l	91
78) n-propylbenzene	12.808	91	452264	19.544	ug/l	100
79) 2-Chlorotoluene	12.896	91	261552	19.575	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	305340	19.555	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	21084	19.952	ug/l	88
82) 4-Chlorotoluene	12.996	91	277999	19.850	ug/l	98
83) tert-Butylbenzene	13.208	119	252539	19.190	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	301735	19.561	ug/l	98
85) sec-Butylbenzene	13.390	105	390417	19.430	ug/l	98
86) p-Isopropyltoluene	13.502	119	315179	19.242	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	175829	20.104	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	176973	20.045	ug/l	99
89) n-Butylbenzene	13.831	91	293767	18.823	ug/l	99
90) Hexachloroethane	14.096	117	67667	19.965	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	152221	20.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11289	21.684	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	84492	19.667	ug/l	99
94) Hexachlorobutadiene	15.249	225	48053	19.849	ug/l	98
95) Naphthalene	15.384	128	144005	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	74775	19.633	ug/l	98

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

