

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075052.D
 Acq On : 27 Dec 2022 14:30
 Operator : KP/SY
 Sample : VD1227SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Quant Time: Dec 28 01:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	259199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68734	47.872	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.740%			
35) Dibromofluoromethane	7.810	113	77765	50.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.980%			
50) Toluene-d8	10.269	98	304902	49.475	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.940%			
62) 4-Bromofluorobenzene	12.575	95	100372	50.274	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	18935	25.276	ug/l	97
3) Chloromethane	2.146	50	32312	25.005	ug/l	98
4) Vinyl Chloride	2.275	62	29974	24.606	ug/l	99
5) Bromomethane	2.675	94	14514	25.303	ug/l	98
6) Chloroethane	2.828	64	18670	24.207	ug/l	100
7) Trichlorofluoromethane	3.170	101	40911	21.883	ug/l	99
8) Diethyl Ether	3.593	74	14249	19.877	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	28329	21.507	ug/l	99
10) Methyl Iodide	4.164	142	21747	19.234	ug/l	99
11) Tert butyl alcohol	5.058	59	9814	79.082	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	27066	21.267	ug/l	86
13) Acrolein	3.793	56	15954	92.296	ug/l	97
14) Allyl chloride	4.558	41	46902	21.178	ug/l #	90
15) Acrylonitrile	5.258	53	33808	93.136	ug/l	98
16) Acetone	4.022	43	33778	90.580	ug/l	94
17) Carbon Disulfide	4.264	76	68159	26.823	ug/l	99
18) Methyl Acetate	4.564	43	19435	19.471	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	65038	19.239	ug/l	94
20) Methylene Chloride	4.793	84	40906	20.790	ug/l #	84
21) trans-1,2-Dichloroethene	5.305	96	29585	20.946	ug/l	89
22) Diisopropyl ether	6.216	45	93786	19.660	ug/l #	93
23) Vinyl Acetate	6.152	43	214972m	99.644	ug/l	
24) 1,1-Dichloroethane	6.111	63	56721	20.357	ug/l	97
25) 2-Butanone	7.081	43	45774	91.983	ug/l	88
26) 2,2-Dichloropropane	7.075	77	49838	20.023	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	36918	20.721	ug/l	90
28) Bromochloromethane	7.422	49	19585	20.306	ug/l #	76
29) Tetrahydrofuran	7.440	42	26152	91.156	ug/l #	82
30) Chloroform	7.599	83	54768	20.130	ug/l	98
31) Cyclohexane	7.875	56	50977	23.159	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	48403	20.560	ug/l	95
36) 1,1-Dichloropropene	8.005	75	42072	21.355	ug/l	99
37) Ethyl Acetate	7.169	43	18264	18.352	ug/l	97
38) Carbon Tetrachloride	7.987	117	36339	21.332	ug/l	94
39) Methylcyclohexane	9.269	83	53149	22.214	ug/l	92
40) Benzene	8.252	78	125155	20.866	ug/l	99

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41) Methacrylonitrile	7.405	41	12101	19.543	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	31185	20.379	ug/l	100
43) Isopropyl Acetate	8.363	43	37307	18.634	ug/l #	91
44) Trichloroethene	9.028	130	34270	20.744	ug/l	92
45) 1,2-Dichloropropane	9.304	63	31893	19.852	ug/l	92
46) Dibromomethane	9.393	93	16243	20.329	ug/l	98
47) Bromodichloromethane	9.587	83	41774	20.076	ug/l	97
48) Methyl methacrylate	9.381	41	17640	19.398	ug/l #	86
49) 1,4-Dioxane	9.381	88	3884	385.730	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	92170	93.194	ug/l	91
52) Toluene	10.334	92	79938	20.929	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	39502	19.512	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	48847	20.022	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	22604	19.320	ug/l	94
56) Ethyl methacrylate	10.593	69	28279	18.362	ug/l #	75
57) 1,3-Dichloropropane	10.881	76	37711	19.281	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	58787	92.994	ug/l	96
59) 2-Hexanone	10.922	43	67351	93.647	ug/l	92
60) Dibromochloromethane	11.075	129	26100	19.472	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20621	19.659	ug/l	100
64) Tetrachloroethene	10.810	164	27676	21.386	ug/l	98
65) Chlorobenzene	11.610	112	83371	20.648	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	28640	20.482	ug/l	98
67) Ethyl Benzene	11.687	91	154099	20.852	ug/l	100
68) m/p-Xylenes	11.793	106	117166	41.816	ug/l	98
69) o-Xylene	12.122	106	56496	20.961	ug/l	98
70) Styrene	12.134	104	95563	21.089	ug/l	97
71) Bromoform	12.304	173	14416	19.002	ug/l #	97
73) Isopropylbenzene	12.422	105	151345	20.120	ug/l	98
74) N-amyl acetate	12.234	43	34262	17.945	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	24169	18.019	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	18622m	18.511	ug/l	
77) Bromobenzene	12.698	156	30839	19.206	ug/l	92
78) n-propylbenzene	12.763	91	184145	19.987	ug/l	99
79) 2-Chlorotoluene	12.851	91	98961	19.661	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	119614	19.718	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7393	17.033	ug/l	90
82) 4-Chlorotoluene	12.951	91	100205	19.511	ug/l	98
83) tert-Butylbenzene	13.169	119	106712	19.871	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	116361	19.721	ug/l	100
85) sec-Butylbenzene	13.345	105	165372	20.058	ug/l	99
86) p-Isopropyltoluene	13.463	119	127922	19.449	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	62690	19.983	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	61913	19.757	ug/l	97
89) n-Butylbenzene	13.792	91	129338	19.688	ug/l	100
90) Hexachloroethane	14.057	117	22362	19.132	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	55123	19.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3523	17.093	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	35485	19.482	ug/l	98
94) Hexachlorobutadiene	15.204	225	17496	19.215	ug/l	98
95) Naphthalene	15.334	128	70108	18.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30358	19.421	ug/l	97

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

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