

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074037.D
 Acq On : 11 Aug 2022 13:01
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Quant Time: Aug 11 18:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	142814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	233694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	110099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59255	53.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.140%			
35) Dibromofluoromethane	7.902	113	71517	46.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.160%			
50) Toluene-d8	10.326	98	190873	46.625	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.240%			
62) 4-Bromofluorobenzene	12.620	95	90871	47.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	36924	27.401	ug/l	97
3) Chloromethane	2.209	50	45971	21.072	ug/l	99
4) Vinyl Chloride	2.344	62	62914	20.698	ug/l	94
5) Bromomethane	2.756	94	43805	20.918	ug/l	89
6) Chloroethane	2.909	64	43708	20.094	ug/l	100
7) Trichlorofluoromethane	3.267	101	60871	21.038	ug/l	93
8) Diethyl Ether	3.709	74	14003	21.058	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	35095	21.200	ug/l	98
10) Methyl Iodide	4.297	142	35673	20.983	ug/l	100
11) Tert butyl alcohol	5.238	59	11034	155.128	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	29181	20.434	ug/l	91
13) Acrolein	3.914	56	9900	88.846	ug/l	100
14) Allyl chloride	4.697	41	38809	21.143	ug/l	100
15) Acrylonitrile	5.414	53	28723	104.106	ug/l	98
16) Acetone	4.156	43	26646	116.606	ug/l	92
17) Carbon Disulfide	4.403	76	95776	20.683	ug/l	100
18) Methyl Acetate	4.720	43	14674	21.036	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	65829	20.681	ug/l	96
20) Methylene Chloride	4.950	84	40634	25.217	ug/l	97
21) trans-1,2-Dichloroethene	5.461	96	34965	20.391	ug/l	88
22) Diisopropyl ether	6.355	45	83678	21.196	ug/l	99
23) Vinyl Acetate	6.297	43	214637	20.647	ug/l	99
24) 1,1-Dichloroethane	6.255	63	58219	20.582	ug/l	99
25) 2-Butanone	7.202	43	39381	110.202	ug/l	94
26) 2,2-Dichloropropane	7.197	77	57264	21.179	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	38262	20.879	ug/l	98
28) Bromochloromethane	7.544	49	21116	19.344	ug/l	97
29) Tetrahydrofuran	7.561	42	22239	101.085	ug/l	99
30) Chloroform	7.702	83	64411	20.089	ug/l	95
31) Cyclohexane	7.979	56	48749	19.450	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	62707	20.560	ug/l	99
36) 1,1-Dichloropropene	8.102	75	47207	19.986	ug/l	100
37) Ethyl Acetate	7.285	43	18505	22.013	ug/l	97
38) Carbon Tetrachloride	8.091	117	53318	20.023	ug/l	96
39) Methylcyclohexane	9.344	83	50972	19.024	ug/l	97
40) Benzene	8.338	78	133579	20.861	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	9732	21.185	ug/l	92
42) 1,2-Dichloroethane	8.414	62	40645	20.592	ug/l	99
43) Isopropyl Acetate	8.444	43	33692	20.967	ug/l #	60
44) Trichloroethene	9.108	130	37614	19.967	ug/l	97
45) 1,2-Dichloropropane	9.379	63	32490	21.083	ug/l	99
46) Dibromomethane	9.461	93	20070	20.226	ug/l	99
47) Bromodichloromethane	9.649	83	50290	20.373	ug/l	95
48) Methyl methacrylate	9.444	41	16168	21.090	ug/l	87
49) 1,4-Dioxane	9.455	88	4332	446.668	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	85454	103.598	ug/l	99
52) Toluene	10.391	92	84020	19.658	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	42554	19.996	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	49871	20.276	ug/l	99
55) 1,1,2-Trichloroethane	10.785	97	25878	20.518	ug/l	93
56) Ethyl methacrylate	10.649	69	26388	19.928	ug/l	95
57) 1,3-Dichloropropane	10.932	76	41132	20.244	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	54434	98.521	ug/l	99
59) 2-Hexanone	10.973	43	57430	103.850	ug/l	94
60) Dibromochloromethane	11.132	129	33316	19.503	ug/l	95
61) 1,2-Dibromoethane	11.238	107	26217	20.581	ug/l	100
64) Tetrachloroethene	10.861	164	32789	20.483	ug/l	96
65) Chlorobenzene	11.655	112	95028	20.841	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	34591	19.962	ug/l	96
67) Ethyl Benzene	11.732	91	159409	20.068	ug/l	97
68) m/p-Xylenes	11.843	106	129712	40.879	ug/l	98
69) o-Xylene	12.167	106	56017	19.276	ug/l	94
70) Styrene	12.179	104	101565	20.639	ug/l	98
71) Bromoform	12.343	173	19707	20.664	ug/l #	95
73) Isopropylbenzene	12.467	105	154783	20.220	ug/l	100
74) N-amyl acetate	12.273	43	30561	20.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	28876	20.782	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	18916m	18.818	ug/l	
77) Bromobenzene	12.749	156	38042	20.809	ug/l	96
78) n-propylbenzene	12.808	91	196218	20.700	ug/l	98
79) 2-Chlorotoluene	12.890	91	108915	20.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	133448	20.534	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	7993	21.222	ug/l	88
82) 4-Chlorotoluene	12.990	91	113749	20.316	ug/l	99
83) tert-Butylbenzene	13.208	119	111496	20.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	129638	19.844	ug/l	98
85) sec-Butylbenzene	13.385	105	171538	20.165	ug/l	100
86) p-Isopropyltoluene	13.496	119	141125	19.816	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	78734	20.516	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	77512	20.082	ug/l	96
89) n-Butylbenzene	13.826	91	137115	20.557	ug/l	98
90) Hexachloroethane	14.090	117	28249	20.055	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	67308	20.423	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5038	22.084	ug/l	90
93) 1,2,4-Trichlorobenzene	15.137	180	38964	20.194	ug/l	98
94) Hexachlorobutadiene	15.243	225	22817	20.668	ug/l	100
95) Naphthalene	15.373	128	64777	19.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	35976	21.202	ug/l	96

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

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