

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075116.D
 Acq On : 11 Jan 2023 11:11
 Operator : KP/SY
 Sample : VD0111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBS01

Quant Time: Jan 12 04:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	85402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	161244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	144009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47579	55.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.140%			
35) Dibromofluoromethane	7.804	113	51014	50.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.269	98	191108	47.520	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.040%			
62) 4-Bromofluorobenzene	12.575	95	63938	49.532	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	11328	26.401	ug/l	99
3) Chloromethane	2.146	50	16260	23.747	ug/l	95
4) Vinyl Chloride	2.281	62	17115	22.029	ug/l	95
5) Bromomethane	2.681	94	11395	22.933	ug/l	92
6) Chloroethane	2.834	64	13291	22.965	ug/l	97
7) Trichlorofluoromethane	3.175	101	26594	23.628	ug/l	87
8) Diethyl Ether	3.599	74	10069	25.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	17814	22.814	ug/l	94
10) Methyl Iodide	4.169	142	16244	20.606	ug/l	99
11) Tert butyl alcohol	5.057	59	6490	99.540	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	17629	24.345	ug/l	92
13) Acrolein	3.799	56	9639	127.401	ug/l	95
14) Allyl chloride	4.563	41	31360	25.297	ug/l	99
15) Acrylonitrile	5.252	53	22968	114.060	ug/l	98
16) Acetone	4.028	43	21954	108.217	ug/l	98
17) Carbon Disulfide	4.269	76	40480	30.339	ug/l	97
18) Methyl Acetate	4.558	43	14021	25.254	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	45238	23.852	ug/l	95
20) Methylene Chloride	4.799	84	29783	23.438	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	19605	24.691	ug/l	96
22) Diisopropyl ether	6.216	45	64811	24.426	ug/l #	95
23) Vinyl Acetate	6.157	43	131385m	135.234	ug/l	
24) 1,1-Dichloroethane	6.116	63	39319	24.642	ug/l	95
25) 2-Butanone	7.087	43	29524	109.864	ug/l	97
26) 2,2-Dichloropropane	7.075	77	32093	22.426	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	23349	23.292	ug/l	93
28) Bromochloromethane	7.428	49	13563	24.507	ug/l	100
29) Tetrahydrofuran	7.446	42	17645	116.712	ug/l	98
30) Chloroform	7.599	83	37503	23.194	ug/l	99
31) Cyclohexane	7.881	56	31290	26.995	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	31684	22.837	ug/l	99
36) 1,1-Dichloropropene	8.010	75	27208	21.682	ug/l	98
37) Ethyl Acetate	7.169	43	12311	17.279	ug/l	95
38) Carbon Tetrachloride	7.993	117	22557	20.517	ug/l	94
39) Methylcyclohexane	9.275	83	32523	22.407	ug/l	95
40) Benzene	8.251	78	83495	22.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8974m	20.886	ug/l	
42) 1,2-Dichloroethane	8.328	62	22435	21.382	ug/l	96
43) Isopropyl Acetate	8.363	43	24586	20.360	ug/l	97
44) Trichloroethene	9.028	130	22350	20.769	ug/l	99
45) 1,2-Dichloropropane	9.304	63	21633	21.204	ug/l	95
46) Dibromomethane	9.393	93	10517	20.397	ug/l	97
47) Bromodichloromethane	9.587	83	28645	21.274	ug/l	100
48) Methyl methacrylate	9.387	41	12013	22.079	ug/l	96
49) 1,4-Dioxane	9.375	88	2243	399.445	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	61394	100.680	ug/l	98
52) Toluene	10.334	92	53250	21.938	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	26109	21.216	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	32563	21.604	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	15774	21.005	ug/l	98
56) Ethyl methacrylate	10.598	69	18260	20.130	ug/l	98
57) 1,3-Dichloropropane	10.881	76	26338	21.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	42917	125.320	ug/l	97
59) 2-Hexanone	10.922	43	43218	101.321	ug/l	99
60) Dibromochloromethane	11.069	129	18330	20.615	ug/l	98
61) 1,2-Dibromoethane	11.181	107	14477	21.233	ug/l	95
64) Tetrachloroethene	10.810	164	17989	19.480	ug/l	96
65) Chlorobenzene	11.610	112	55761	20.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	18944	19.779	ug/l	94
67) Ethyl Benzene	11.687	91	101432	21.015	ug/l	100
68) m/p-Xylenes	11.792	106	75290	40.469	ug/l	97
69) o-Xylene	12.122	106	37097	20.574	ug/l	99
70) Styrene	12.134	104	62094	20.605	ug/l	99
71) Bromoform	12.298	173	9536	18.524	ug/l #	99
73) Isopropylbenzene	12.422	105	98246	20.260	ug/l	100
74) N-amyl acetate	12.234	43	22793	20.693	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	16949	20.393	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	12095m	19.544	ug/l	
77) Bromobenzene	12.704	156	20873	19.661	ug/l	93
78) n-propylbenzene	12.763	91	120538	20.725	ug/l	99
79) 2-Chlorotoluene	12.851	91	66985	20.957	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	80510	20.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4864	20.873	ug/l	97
82) 4-Chlorotoluene	12.951	91	70175	21.433	ug/l	97
83) tert-Butylbenzene	13.169	119	70040	20.172	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	77739	20.447	ug/l	100
85) sec-Butylbenzene	13.345	105	107290	20.394	ug/l	99
86) p-Isopropyltoluene	13.463	119	87011	20.475	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	42946	20.318	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	43690	20.441	ug/l	99
89) n-Butylbenzene	13.792	91	85065	20.353	ug/l	97
90) Hexachloroethane	14.057	117	14962	20.199	ug/l	88
91) 1,2-Dichlorobenzene	13.833	146	37457	19.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2363	17.680	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	22185	18.135	ug/l	97
94) Hexachlorobutadiene	15.204	225	10844	17.782	ug/l	100
95) Naphthalene	15.333	128	56622	23.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	19035	18.014	ug/l	98

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

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