

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075184.D
 Acq On : 24 Jan 2023 13:19
 Operator : KP/SY
 Sample : VD0124SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

Quant Time: Jan 25 00:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	69011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	122709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	107951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37027	52.580	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.160%			
35) Dibromofluoromethane	7.805	113	38720	52.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.269	98	155059	53.111	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.575	95	47542	51.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14390	25.088	ug/l	99
3) Chloromethane	2.146	50	20556	23.059	ug/l	98
4) Vinyl Chloride	2.287	62	20194	21.111	ug/l	95
5) Bromomethane	2.687	94	13594	20.896	ug/l	100
6) Chloroethane	2.834	64	13811	20.823	ug/l	94
7) Trichlorofluoromethane	3.175	101	27607	22.706	ug/l	88
8) Diethyl Ether	3.599	74	7859	20.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	16731	22.290	ug/l	97
10) Methyl Iodide	4.158	142	17805	17.622	ug/l	99
11) Tert butyl alcohol	5.040	59	4426m	90.092	ug/l	
12) 1,1-Dichloroethene	3.940	96	16898	21.385	ug/l	96
13) Acrolein	3.799	56	5121	110.449	ug/l	95
14) Allyl chloride	4.564	41	26334	20.535	ug/l	97
15) Acrylonitrile	5.258	53	17586	106.162	ug/l	98
16) Acetone	4.022	43	17799	95.832	ug/l	95
17) Carbon Disulfide	4.275	76	55508	21.658	ug/l	100
18) Methyl Acetate	4.558	43	10954	21.698	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	33704	20.418	ug/l	97
20) Methylene Chloride	4.805	84	23068	18.960	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	18928	21.517	ug/l	94
22) Diisopropyl ether	6.216	45	50590	21.195	ug/l	95
23) Vinyl Acetate	6.163	43	94542	89.870	ug/l	95
24) 1,1-Dichloroethane	6.116	63	32351	21.567	ug/l	99
25) 2-Butanone	7.087	43	23484	104.617	ug/l	98
26) 2,2-Dichloropropane	7.081	77	26099	19.518	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	19812	20.661	ug/l	99
28) Bromochloromethane	7.428	49	9349	22.828	ug/l #	95
29) Tetrahydrofuran	7.446	42	13550	105.832	ug/l	99
30) Chloroform	7.599	83	32535	21.751	ug/l	95
31) Cyclohexane	7.881	56	30625	21.684	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	27836	21.600	ug/l	97
36) 1,1-Dichloropropene	8.010	75	25286	21.225	ug/l	99
37) Ethyl Acetate	7.169	43	9886	20.597	ug/l	98
38) Carbon Tetrachloride	7.999	117	21013	20.948	ug/l	98
39) Methylcyclohexane	9.275	83	29809	20.304	ug/l	98
40) Benzene	8.252	78	72196	21.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	6306	21.835	ug/l	89
42) 1,2-Dichloroethane	8.322	62	18601	20.843	ug/l	99
43) Isopropyl Acetate	8.363	43	18193	19.478	ug/l	97
44) Trichloroethene	9.028	130	18929	19.813	ug/l	100
45) 1,2-Dichloropropane	9.310	63	17277	20.644	ug/l	90
46) Dibromomethane	9.399	93	9322	21.121	ug/l	92
47) Bromodichloromethane	9.587	83	22527	20.572	ug/l	96
48) Methyl methacrylate	9.381	41	9200	20.143	ug/l	98
49) 1,4-Dioxane	9.381	88	1811	429.796	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	47162	105.149	ug/l	100
52) Toluene	10.334	92	45713	21.291	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	19419	18.745	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	24263	19.170	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	12131	20.768	ug/l	97
56) Ethyl methacrylate	10.599	69	13994	19.922	ug/l	98
57) 1,3-Dichloropropane	10.881	76	21070	20.992	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	23542	97.943	ug/l	97
59) 2-Hexanone	10.922	43	33882	104.474	ug/l	96
60) Dibromochloromethane	11.081	129	13951	19.816	ug/l	96
61) 1,2-Dibromoethane	11.181	107	11798	21.140	ug/l	99
64) Tetrachloroethene	10.810	164	16013	20.772	ug/l	92
65) Chlorobenzene	11.610	112	46373	20.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	15091	20.283	ug/l	98
67) Ethyl Benzene	11.687	91	82951	20.833	ug/l	98
68) m/p-Xylenes	11.798	106	65188	42.381	ug/l	99
69) o-Xylene	12.122	106	30118	20.874	ug/l	99
70) Styrene	12.140	104	51779	21.588	ug/l	98
71) Bromoform	12.298	173	7630	19.860	ug/l #	99
73) Isopropylbenzene	12.422	105	79519	20.039	ug/l	99
74) N-amyl acetate	12.234	43	16202	18.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	13089	20.703	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	10186m	23.941	ug/l	
77) Bromobenzene	12.698	156	16857	18.598	ug/l	91
78) n-propylbenzene	12.769	91	100156	20.540	ug/l	99
79) 2-Chlorotoluene	12.851	91	54618	20.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	65962	20.289	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	3492	19.038	ug/l	98
82) 4-Chlorotoluene	12.951	91	55465	20.115	ug/l	98
83) tert-Butylbenzene	13.169	119	56549	20.102	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	64829	20.305	ug/l	99
85) sec-Butylbenzene	13.351	105	87094	20.381	ug/l	100
86) p-Isopropyltoluene	13.463	119	70918	20.271	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	36214	20.612	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	34519	19.969	ug/l	99
89) n-Butylbenzene	13.792	91	68482	20.088	ug/l	98
90) Hexachloroethane	14.057	117	12371	20.024	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	30961	20.597	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1996	20.648	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	17272	17.499	ug/l	97
94) Hexachlorobutadiene	15.204	225	8595	17.768	ug/l	97
95) Naphthalene	15.334	128	33733	17.167	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	14304	16.983	ug/l	95

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

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