

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078157.D
 Acq On : 15 Jan 2024 11:19
 Operator : RP/MD
 Sample : VD0115SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0115SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2024
 Supervised By :Semsettin Yesilyurt 01/16/2024

Quant Time: Jan 16 00:33:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	91053	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	157065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	145696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	68977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54189	56.530	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.060%			
35) Dibromofluoromethane	7.810	113	58937	52.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.140%			
50) Toluene-d8	10.275	98	203817	53.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.575	95	65166	49.312	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	18922	22.915	ug/l	99
3) Chloromethane	2.152	50	25895	22.366	ug/l	98
4) Vinyl Chloride	2.293	62	38683	23.759	ug/l	94
5) Bromomethane	2.693	94	27409	21.927	ug/l	96
6) Chloroethane	2.846	64	29677	24.548	ug/l	97
7) Trichlorofluoromethane	3.181	101	40566	22.674	ug/l	95
8) Diethyl Ether	3.599	74	11641	24.814	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.981	101	24772	23.294	ug/l #	92
10) Methyl Iodide	4.169	142	20424	20.862	ug/l #	85
11) Tert butyl alcohol	5.052	59	6492	132.939	ug/l #	94
12) 1,1-Dichloroethene	3.952	96	21466	23.838	ug/l	91
13) Acrolein	3.793	56	11418	146.929	ug/l	99
14) Allyl chloride	4.569	41	28824	23.961	ug/l	86
15) Acrylonitrile	5.257	53	26659	121.461	ug/l	94
16) Acetone	4.028	43	37009	158.885	ug/l	87
17) Carbon Disulfide	4.281	76	43428	21.639	ug/l #	95
18) Methyl Acetate	4.575	43	20468	23.722	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	51604	23.786	ug/l	99
20) Methylene Chloride	4.810	84	31042	23.004	ug/l	92
21) trans-1,2-Dichloroethene	5.322	96	23714	23.140	ug/l	93
22) Diisopropyl ether	6.222	45	69900	24.711	ug/l #	91
23) Vinyl Acetate	6.163	43	168512	132.613	ug/l	95
24) 1,1-Dichloroethane	6.122	63	46579	23.601	ug/l	99
25) 2-Butanone	7.087	43	40478	136.695	ug/l #	79
26) 2,2-Dichloropropane	7.081	77	41171	23.321	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	30142	23.923	ug/l	92
28) Bromochloromethane	7.440	49	15759	22.023	ug/l #	80
29) Tetrahydrofuran	7.457	42	18919	121.782	ug/l #	69
30) Chloroform	7.604	83	51093	23.884	ug/l	90
31) Cyclohexane	7.887	56	31279	21.565	ug/l	89
32) 1,1,1-Trichloroethane	7.799	97	43176	23.334	ug/l	99
36) 1,1-Dichloropropene	8.016	75	32071	20.983	ug/l	97
37) Ethyl Acetate	7.175	43	14170	23.556	ug/l #	87
38) Carbon Tetrachloride	7.999	117	37208	21.138	ug/l	92
39) Methylcyclohexane	9.281	83	34011	20.220	ug/l	89
40) Benzene	8.257	78	103755	22.743	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8874	25.131	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	29641	23.087	ug/l	95
43) Isopropyl Acetate	8.363	43	27780	23.956	ug/l #	75
44) Trichloroethene	9.028	130	27082	21.954	ug/l	98
45) 1,2-Dichloropropane	9.310	63	27470	23.347	ug/l	95
46) Dibromomethane	9.398	93	14962	22.985	ug/l	88
47) Bromodichloromethane	9.587	83	38535	22.267	ug/l	93
48) Methyl methacrylate	9.387	41	14020	21.877	ug/l #	77
49) 1,4-Dioxane	9.393	88	2723	478.533	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	73305	122.010	ug/l	89
52) Toluene	10.340	92	66819	23.191	ug/l	91
53) t-1,3-Dichloropropene	10.557	75	34743	22.620	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	39961	22.803	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	21670	23.735	ug/l	94
56) Ethyl methacrylate	10.598	69	16558	23.271	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	33969	22.923	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	34542	106.320	ug/l	95
59) 2-Hexanone	10.922	43	58918	130.429	ug/l	86
60) Dibromochloromethane	11.075	129	26447	22.925	ug/l	97
61) 1,2-Dibromoethane	11.181	107	19508	23.208	ug/l	100
64) Tetrachloroethene	10.810	164	19411	19.677	ug/l #	86
65) Chlorobenzene	11.610	112	70151	20.927	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	27918	21.440	ug/l	97
67) Ethyl Benzene	11.687	91	120990	20.552	ug/l	96
68) m/p-Xylenes	11.798	106	91714	40.417	ug/l	85
69) o-Xylene	12.122	106	43303	20.608	ug/l	89
70) Styrene	12.139	104	68935	21.580	ug/l	96
71) Bromoform	12.298	173	15201	23.096	ug/l #	98
73) Isopropylbenzene	12.428	105	118413	21.590	ug/l	97
74) N-amyl acetate	12.234	43	25164	25.087	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	25606	24.811	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	14743m	21.709	ug/l	
77) Bromobenzene	12.704	156	26987	21.420	ug/l	85
78) n-propylbenzene	12.763	91	148399	22.323	ug/l	95
79) 2-Chlorotoluene	12.851	91	80394	22.729	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	98747	21.694	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.475	75	7296	23.942	ug/l	99
82) 4-Chlorotoluene	12.951	91	87218	22.925	ug/l	96
83) tert-Butylbenzene	13.169	119	83297	20.902	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	100773	22.301	ug/l	95
85) sec-Butylbenzene	13.345	105	125750	21.538	ug/l	96
86) p-Isopropyltoluene	13.463	119	107732	20.839	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	59368	22.711	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	57147	22.133	ug/l	97
89) n-Butylbenzene	13.792	91	104188	21.223	ug/l	98
90) Hexachloroethane	14.057	117	22711	21.374	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	49836	22.101	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3180	22.740	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	30086	21.547	ug/l	98
94) Hexachlorobutadiene	15.204	225	15966	20.267	ug/l	97
95) Naphthalene	15.333	128	56348	22.764	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	25108	21.085	ug/l	94

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

