

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077836.D
 Acq On : 12 Dec 2023 11:57
 Operator : JC/SY
 Sample : VD1212SBS03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/18/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 12 13:52:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	224054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	204157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83609	54.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.860%			
35) Dibromofluoromethane	7.810	113	86325	55.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.000%			
50) Toluene-d8	10.275	98	350328	55.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.575	95	100188	53.312	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	37213	23.065	ug/l	95
3) Chloromethane	2.152	50	49767	22.629	ug/l	99
4) Vinyl Chloride	2.293	62	67202	22.509	ug/l	99
5) Bromomethane	2.693	94	41162	24.570	ug/l	99
6) Chloroethane	2.840	64	44006	21.620	ug/l	91
7) Trichlorofluoromethane	3.181	101	60677	22.067	ug/l	91
8) Diethyl Ether	3.605	74	15852	20.531	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.975	101	33981	21.602	ug/l	97
10) Methyl Iodide	4.169	142	32224	26.963	ug/l	94
11) Tert butyl alcohol	5.052	59	7776	99.301	ug/l	# 91
12) 1,1-Dichloroethene	3.952	96	34035	21.922	ug/l	# 84
13) Acrolein	3.799	56	16435	102.083	ug/l	97
14) Allyl chloride	4.569	41	44138	20.671	ug/l	88
15) Acrylonitrile	5.257	53	33724	102.012	ug/l	93
16) Acetone	4.028	43	47409	128.840	ug/l	# 79
17) Carbon Disulfide	4.281	76	110235	20.987	ug/l	99
18) Methyl Acetate	4.563	43	24201	20.190	ug/l	# 88
19) Methyl tert-butyl Ether	5.328	73	67400	20.461	ug/l	93
20) Methylene Chloride	4.816	84	42136	20.521	ug/l	# 88
21) trans-1,2-Dichloroethene	5.328	96	38382	21.826	ug/l	87
22) Diisopropyl ether	6.222	45	93214	20.890	ug/l	96
23) Vinyl Acetate	6.163	43	222383	102.054	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	65360	21.629	ug/l	98
25) 2-Butanone	7.087	43	49508	109.922	ug/l	# 84
26) 2,2-Dichloropropane	7.081	77	55423	21.845	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	41191	21.769	ug/l	89
28) Bromochloromethane	7.434	49	26865	22.002	ug/l	# 77
29) Tetrahydrofuran	7.457	42	22450	92.631	ug/l	94
30) Chloroform	7.598	83	65641	21.705	ug/l	99
31) Cyclohexane	7.881	56	56543	20.887	ug/l	97
32) 1,1,1-Trichloroethane	7.804	97	58287	21.862	ug/l	97
36) 1,1-Dichloropropene	8.016	75	51564	20.540	ug/l	96
37) Ethyl Acetate	7.175	43	17197	17.569	ug/l	96
38) Carbon Tetrachloride	8.004	117	51864	20.723	ug/l	92
39) Methylcyclohexane	9.281	83	61266	20.586	ug/l	93
40) Benzene	8.257	78	148729	20.874	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11804	23.726	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	38187	20.676	ug/l	94
43) Isopropyl Acetate	8.363	43	34663	19.921	ug/l #	91
44) Trichloroethene	9.034	130	38897	20.949	ug/l	94
45) 1,2-Dichloropropane	9.304	63	35850	20.698	ug/l	97
46) Dibromomethane	9.398	93	19046	20.782	ug/l	90
47) Bromodichloromethane	9.587	83	49387	21.261	ug/l	96
48) Methyl methacrylate	9.381	41	19489	19.703	ug/l #	80
49) 1,4-Dioxane	9.387	88	3435	377.467	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	86053	96.902	ug/l	90
52) Toluene	10.334	92	92934	21.027	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	44845	20.104	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	56480	20.942	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	25215	20.115	ug/l	95
56) Ethyl methacrylate	10.598	69	21395	19.361	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	45042	20.845	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	64424	102.230	ug/l	93
59) 2-Hexanone	10.922	43	75117	101.956	ug/l	87
60) Dibromochloromethane	11.081	129	30076	19.928	ug/l	90
61) 1,2-Dibromoethane	11.181	107	24652	20.891	ug/l	95
64) Tetrachloroethene	10.816	164	31065	20.703	ug/l	93
65) Chlorobenzene	11.610	112	100434	19.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	35293	20.789	ug/l	96
67) Ethyl Benzene	11.687	91	172325	20.274	ug/l	97
68) m/p-Xylenes	11.798	106	135745	41.753	ug/l	91
69) o-Xylene	12.122	106	61197	20.424	ug/l	89
70) Styrene	12.139	104	92944	20.861	ug/l	94
71) Bromoform	12.298	173	18046	20.344	ug/l #	95
73) Isopropylbenzene	12.422	105	167529	21.295	ug/l	97
74) N-amyl acetate	12.234	43	28773	18.606	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27945	20.372	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	16752m	18.583	ug/l	
77) Bromobenzene	12.704	156	38537	20.826	ug/l	93
78) n-propylbenzene	12.763	91	205450	21.432	ug/l	95
79) 2-Chlorotoluene	12.851	91	107511	20.927	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	136273	20.769	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8921	20.050	ug/l	97
82) 4-Chlorotoluene	12.951	91	114722	21.361	ug/l	98
83) tert-Butylbenzene	13.169	119	117428	21.199	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	138015	21.031	ug/l	98
85) sec-Butylbenzene	13.345	105	173860	21.234	ug/l	97
86) p-Isopropyltoluene	13.463	119	152797	20.843	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	79323	20.962	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	80511	20.365	ug/l	98
89) n-Butylbenzene	13.786	91	147214	21.341	ug/l	97
90) Hexachloroethane	14.057	117	29073	21.564	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	65885	20.472	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4059	19.836	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	44554	20.268	ug/l	96
94) Hexachlorobutadiene	15.204	225	24383	20.569	ug/l	99
95) Naphthalene	15.333	128	71597	19.603	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	35951	19.838	ug/l	99

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

