

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077488.D
 Acq On : 02 Nov 2023 11:57
 Operator : JC/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Quant Time: Nov 03 01:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/03/2023
 Supervised By :Semsettin Yesilyurt 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	227078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	415430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	365851	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	164477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	152915	47.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.240%		
35) Dibromofluoromethane	7.810	113	132413	46.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.240%		
50) Toluene-d8	10.275	98	548790	49.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.575	95	169902	45.231	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	39082	21.345	ug/l	95
3) Chloromethane	2.152	50	58122	19.994	ug/l	98
4) Vinyl Chloride	2.293	62	64157	22.633	ug/l	99
5) Bromomethane	2.699	94	38762	26.095	ug/l	98
6) Chloroethane	2.840	64	46156	24.184	ug/l	93
7) Trichlorofluoromethane	3.187	101	80334	20.237	ug/l	94
8) Diethyl Ether	3.599	74	27396	19.199	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	3.975	101	49106	20.491	ug/l	95
10) Methyl Iodide	4.169	142	46378	17.507	ug/l #	88
11) Tert butyl alcohol	5.046	59	23801	93.575	ug/l #	87
12) 1,1-Dichloroethene	3.952	96	43859	19.331	ug/l #	67
13) Acrolein	3.799	56	31022	92.488	ug/l	98
14) Allyl chloride	4.563	41	107981	19.729	ug/l #	81
15) Acrylonitrile	5.257	53	76227	98.819	ug/l	96
16) Acetone	4.022	43	85953	101.161	ug/l #	77
17) Carbon Disulfide	4.281	76	91164	15.804	ug/l	97
18) Methyl Acetate	4.569	43	56285	18.161	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	137888	19.362	ug/l #	90
20) Methylene Chloride	4.805	84	67597	19.697	ug/l #	67
21) trans-1,2-Dichloroethene	5.322	96	51036	19.315	ug/l #	74
22) Diisopropyl ether	6.222	45	237163	20.388	ug/l #	88
23) Vinyl Acetate	6.157	43	484962m	96.635	ug/l	
24) 1,1-Dichloroethane	6.122	63	122370	20.273	ug/l	95
25) 2-Butanone	7.081	43	114887	101.372	ug/l #	74
26) 2,2-Dichloropropane	7.081	77	108894	20.357	ug/l	89
27) cis-1,2-Dichloroethene	7.087	96	65037	19.867	ug/l	69
28) Bromochloromethane	7.434	49	43267	17.251	ug/l #	53
29) Tetrahydrofuran	7.446	42	63687	94.750	ug/l #	69
30) Chloroform	7.598	83	115186	20.438	ug/l	100
31) Cyclohexane	7.875	56	96935	19.311	ug/l #	73
32) 1,1,1-Trichloroethane	7.798	97	96059	20.687	ug/l	95
36) 1,1-Dichloropropene	8.016	75	80442	18.896	ug/l	92
37) Ethyl Acetate	7.169	43	46370	18.980	ug/l #	89
38) Carbon Tetrachloride	7.998	117	77950	19.431	ug/l	99
39) Methylcyclohexane	9.275	83	88584	18.237	ug/l #	76
40) Benzene	8.257	78	235798	19.424	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28289	18.096	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	70760	18.404	ug/l	91
43) Isopropyl Acetate	8.363	43	92949	18.436	ug/l #	81
44) Trichloroethene	9.034	130	56514	19.005	ug/l	88
45) 1,2-Dichloropropane	9.310	63	72528	20.294	ug/l	97
46) Dibromomethane	9.398	93	31035	18.045	ug/l	89
47) Bromodichloromethane	9.587	83	89446	19.676	ug/l #	96
48) Methyl methacrylate	9.387	41	44106	18.327	ug/l #	65
49) 1,4-Dioxane	9.387	88	6439	348.412	ug/l #	57
51) 4-Methyl-2-Pentanone	10.163	43	230812	93.009	ug/l #	81
52) Toluene	10.334	92	146803	19.837	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	92352	19.185	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	106443	19.216	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	43912	19.137	ug/l	89
56) Ethyl methacrylate	10.598	69	63606	18.643	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	83778	19.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	145065	84.931	ug/l #	84
59) 2-Hexanone	10.922	43	176511	96.554	ug/l	77
60) Dibromochloromethane	11.075	129	51639	18.715	ug/l	93
61) 1,2-Dibromoethane	11.181	107	40002	18.408	ug/l	99
64) Tetrachloroethene	10.810	164	43602	18.719	ug/l	90
65) Chlorobenzene	11.610	112	153113	19.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	56215	19.409	ug/l	96
67) Ethyl Benzene	11.687	91	295390	20.030	ug/l	94
68) m/p-Xylenes	11.798	106	212174	39.842	ug/l	80
69) o-Xylene	12.122	106	103683	20.326	ug/l	83
70) Styrene	12.139	104	171521	19.491	ug/l #	88
71) Bromoform	12.304	173	29022	18.074	ug/l #	98
73) Isopropylbenzene	12.422	105	278523	20.770	ug/l	94
74) N-amyl acetate	12.234	43	90746	19.105	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	52772	20.076	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	40829m	20.396	ug/l	
77) Bromobenzene	12.704	156	58522	19.827	ug/l	74
78) n-propylbenzene	12.763	91	352715	20.715	ug/l	92
79) 2-Chlorotoluene	12.851	91	193310	20.051	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	230551	20.490	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	18974	18.309	ug/l	87
82) 4-Chlorotoluene	12.951	91	198301	19.747	ug/l	88
83) tert-Butylbenzene	13.169	119	191248	20.216	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	224891	20.120	ug/l	93
85) sec-Butylbenzene	13.345	105	298863	20.647	ug/l	94
86) p-Isopropyltoluene	13.463	119	244481	20.779	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	119345	20.569	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	115349	19.898	ug/l	95
89) n-Butylbenzene	13.786	91	252973	20.687	ug/l	97
90) Hexachloroethane	14.057	117	47286	19.640	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	101805	19.966	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7768	17.541	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	66960	19.115	ug/l	99
94) Hexachlorobutadiene	15.210	225	36839	19.497	ug/l	99
95) Naphthalene	15.333	128	123044	18.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	54375	17.983	ug/l	96

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

