

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077474.D
 Acq On : 01 Nov 2023 12:02
 Operator : JC/SY
 Sample : VD1101SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 00:53:09 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	247086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	450224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	395432	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	178806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	182063	52.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.220%			
35) Dibromofluoromethane	7.805	113	159057	51.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.220%			
50) Toluene-d8	10.269	98	635977	52.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.575	95	203764	50.053	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	39773	19.963	ug/l	97
3) Chloromethane	2.152	50	62213	19.668	ug/l	98
4) Vinyl Chloride	2.287	62	66226	21.471	ug/l	97
5) Bromomethane	2.693	94	34492	21.340	ug/l	99
6) Chloroethane	2.840	64	44456	21.407	ug/l	98
7) Trichlorofluoromethane	3.175	101	84004	19.448	ug/l	96
8) Diethyl Ether	3.593	74	29787	19.184	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	3.964	101	51701	19.827	ug/l	94
10) Methyl Iodide	4.170	142	45715	16.156	ug/l #	89
11) Tert butyl alcohol	5.052	59	26095	94.286	ug/l	96
12) 1,1-Dichloroethene	3.940	96	46195	18.712	ug/l #	75
13) Acrolein	3.799	56	33891	92.860	ug/l	95
14) Allyl chloride	4.564	41	116190	19.510	ug/l #	83
15) Acrylonitrile	5.258	53	85057	101.337	ug/l	97
16) Acetone	4.017	43	101018	109.264	ug/l #	73
17) Carbon Disulfide	4.275	76	98557	15.727	ug/l	100
18) Methyl Acetate	4.558	43	64012	18.981	ug/l #	78
19) Methyl tert-butyl Ether	5.317	73	150467	19.417	ug/l	94
20) Methylene Chloride	4.805	84	84668	23.058	ug/l #	61
21) trans-1,2-Dichloroethene	5.311	96	53499	18.608	ug/l #	77
22) Diisopropyl ether	6.216	45	251961	19.906	ug/l #	89
23) Vinyl Acetate	6.152	43	525795m	96.287	ug/l	
24) 1,1-Dichloroethane	6.105	63	129289	19.685	ug/l	93
25) 2-Butanone	7.081	43	124876	101.263	ug/l #	71
26) 2,2-Dichloropropane	7.069	77	110305	18.951	ug/l	90
27) cis-1,2-Dichloroethene	7.075	96	68695	19.286	ug/l	71
28) Bromochloromethane	7.428	49	46799	17.161	ug/l #	55
29) Tetrahydrofuran	7.446	42	75388	103.076	ug/l #	68
30) Chloroform	7.599	83	121542	19.820	ug/l	91
31) Cyclohexane	7.875	56	98410	18.018	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	100567	19.904	ug/l	94
36) 1,1-Dichloropropene	8.005	75	85987	18.637	ug/l	91
37) Ethyl Acetate	7.163	43	49682	18.764	ug/l #	91
38) Carbon Tetrachloride	7.993	117	82553	18.988	ug/l	90
39) Methylcyclohexane	9.269	83	92343	17.542	ug/l #	81
40) Benzene	8.252	78	248797	18.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30675	18.106	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	76765	18.423	ug/l	91
43) Isopropyl Acetate	8.358	43	107553	19.684	ug/l #	79
44) Trichloroethene	9.028	130	57387	17.808	ug/l	83
45) 1,2-Dichloropropane	9.305	63	74956	19.352	ug/l	99
46) Dibromomethane	9.393	93	33953	18.216	ug/l	88
47) Bromodichloromethane	9.587	83	94654	19.212	ug/l	98
48) Methyl methacrylate	9.381	41	45108	17.295	ug/l #	66
49) 1,4-Dioxane	9.387	88	7791	388.988	ug/l #	63
51) 4-Methyl-2-Pentanone	10.157	43	262961	97.775	ug/l #	81
52) Toluene	10.334	92	150404	18.753	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	98425	18.867	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	113580	18.919	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	47095	18.938	ug/l	94
56) Ethyl methacrylate	10.599	69	69595	18.822	ug/l #	59
57) 1,3-Dichloropropane	10.881	76	88209	18.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	161335	87.157	ug/l #	83
59) 2-Hexanone	10.922	43	200441	101.170	ug/l	77
60) Dibromochloromethane	11.075	129	56418	18.867	ug/l	96
61) 1,2-Dibromoethane	11.181	107	44424	18.863	ug/l	98
64) Tetrachloroethene	10.810	164	45472	18.062	ug/l	93
65) Chlorobenzene	11.610	112	158520	19.135	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	59378	18.967	ug/l	96
67) Ethyl Benzene	11.687	91	308330	19.343	ug/l	91
68) m/p-Xylenes	11.793	106	219007	38.048	ug/l	78
69) o-Xylene	12.122	106	107125	19.430	ug/l	80
70) Styrene	12.134	104	182151	19.151	ug/l #	90
71) Bromoform	12.304	173	31771	18.306	ug/l #	100
73) Isopropylbenzene	12.422	105	288067	19.760	ug/l	94
74) N-amyl acetate	12.234	43	100116	19.389	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	58982	20.640	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	43801m	20.127	ug/l	
77) Bromobenzene	12.704	156	60743	18.930	ug/l	70
78) n-propylbenzene	12.763	91	365603	19.751	ug/l	92
79) 2-Chlorotoluene	12.851	91	201705	19.245	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	237822	19.442	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	21911	19.448	ug/l	86
82) 4-Chlorotoluene	12.951	91	207777	19.032	ug/l	90
83) tert-Butylbenzene	13.169	119	201932	19.635	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	235101	19.348	ug/l	92
85) sec-Butylbenzene	13.346	105	313195	19.903	ug/l	93
86) p-Isopropyltoluene	13.463	119	253556	19.824	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	119677	18.974	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	121550	19.288	ug/l	95
89) n-Butylbenzene	13.787	91	264153	19.870	ug/l	96
90) Hexachloroethane	14.051	117	49994	19.101	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	107096	19.320	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9038	18.774	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	70601	18.540	ug/l	97
94) Hexachlorobutadiene	15.204	225	38394	18.691	ug/l	99
95) Naphthalene	15.334	128	136455	18.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	59906	18.225	ug/l	97

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

