

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077484.D
 Acq On : 01 Nov 2023 17:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 00:57:23 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	226555	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	415374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	372601	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	171485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	172350	53.799	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.600%			
35) Dibromofluoromethane	7.810	113	145324	50.620	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.269	98	591585	53.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.575	95	189275	50.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	86462	47.330	ug/l	100
3) Chloromethane	2.152	50	177809	61.308	ug/l	100
4) Vinyl Chloride	2.287	62	184043	65.075	ug/l	98
5) Bromomethane	2.693	94	95343	64.334	ug/l	98
6) Chloroethane	2.840	64	129257	67.883	ug/l	100
7) Trichlorofluoromethane	3.181	101	206722	52.195	ug/l	99
8) Diethyl Ether	3.593	74	77718	54.590	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	3.975	101	123459	51.635	ug/l	94
10) Methyl Iodide	4.169	142	137393	45.784	ug/l #	89
11) Tert butyl alcohol	5.051	59	56619	223.114	ug/l	98
12) 1,1-Dichloroethene	3.946	96	119605	52.839	ug/l #	69
13) Acrolein	3.798	56	67085	200.467	ug/l	97
14) Allyl chloride	4.569	41	291634	53.406	ug/l #	84
15) Acrylonitrile	5.251	53	208892	271.427	ug/l	96
16) Acetone	4.016	43	210822	248.696	ug/l #	78
17) Carbon Disulfide	4.275	76	360841	51.554	ug/l	99
18) Methyl Acetate	4.569	43	178084	57.592	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	378948	53.334	ug/l	96
20) Methylene Chloride	4.804	84	168179	52.914	ug/l #	57
21) trans-1,2-Dichloroethene	5.316	96	141637	53.727	ug/l #	75
22) Diisopropyl ether	6.216	45	628928	54.191	ug/l #	88
23) Vinyl Acetate	6.157	43	1308888m	261.414	ug/l	
24) 1,1-Dichloroethane	6.110	63	325109	53.986	ug/l	94
25) 2-Butanone	7.081	43	287020	253.840	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	262260	49.142	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	173871	53.236	ug/l	71
28) Bromochloromethane	7.428	49	140370	51.355	ug/l #	53
29) Tetrahydrofuran	7.445	42	177538	264.740	ug/l #	70
30) Chloroform	7.598	83	296010	52.644	ug/l	96
31) Cyclohexane	7.881	56	266646	53.244	ug/l #	74
32) 1,1,1-Trichloroethane	7.792	97	238096	51.394	ug/l	95
36) 1,1-Dichloropropene	8.010	75	222805	52.344	ug/l	91
37) Ethyl Acetate	7.169	43	124855	51.112	ug/l #	88
38) Carbon Tetrachloride	7.992	117	203486	50.731	ug/l	95
39) Methylcyclohexane	9.275	83	254982	52.501	ug/l #	84
40) Benzene	8.251	78	639066	52.651	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	73200	46.832	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	195663	50.896	ug/l	91
43) Isopropyl Acetate	8.363	43	256919	50.966	ug/l #	80
44) Trichloroethene	9.028	130	147668	49.667	ug/l	82
45) 1,2-Dichloropropane	9.304	63	190133	53.208	ug/l	100
46) Dibromomethane	9.398	93	85176	49.530	ug/l	90
47) Bromodichloromethane	9.586	83	230125	50.629	ug/l	100
48) Methyl methacrylate	9.381	41	123389	51.278	ug/l #	64
49) 1,4-Dioxane	9.386	88	18113	980.219	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	628713	253.384	ug/l #	81
52) Toluene	10.333	92	385526	52.102	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	246439	51.202	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	286558	51.738	ug/l #	77
55) 1,1,2-Trichloroethane	10.733	97	114631	49.963	ug/l	94
56) Ethyl methacrylate	10.598	69	174383	51.119	ug/l #	64
57) 1,3-Dichloropropane	10.880	76	224561	52.364	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	485859	284.495	ug/l #	84
59) 2-Hexanone	10.922	43	451191	246.840	ug/l	77
60) Dibromochloromethane	11.075	129	136689	49.546	ug/l	97
61) 1,2-Dibromoethane	11.180	107	108259	49.826	ug/l	99
64) Tetrachloroethene	10.810	164	113726	47.941	ug/l	92
65) Chlorobenzene	11.610	112	389682	49.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	142923	48.451	ug/l	98
67) Ethyl Benzene	11.686	91	767820	51.122	ug/l	93
68) m/p-Xylenes	11.792	106	547938	101.027	ug/l	79
69) o-Xylene	12.122	106	266484	51.296	ug/l	82
70) Styrene	12.139	104	457382	51.035	ug/l #	91
71) Bromoform	12.304	173	76119	46.545	ug/l #	99
73) Isopropylbenzene	12.422	105	694812	49.696	ug/l	94
74) N-amyl acetate	12.233	43	240253	48.514	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	137334	50.110	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	86568m	41.477	ug/l	
77) Bromobenzene	12.698	156	152145	49.438	ug/l	72
78) n-propylbenzene	12.763	91	884522	49.825	ug/l	92
79) 2-Chlorotoluene	12.851	91	493524	49.099	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	575480	49.054	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	52419	48.513	ug/l	88
82) 4-Chlorotoluene	12.951	91	505958	48.324	ug/l	88
83) tert-Butylbenzene	13.169	119	481764	48.844	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	573437	49.206	ug/l	92
85) sec-Butylbenzene	13.345	105	738770	48.953	ug/l	94
86) p-Isopropyltoluene	13.463	119	605934	49.396	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	298903	49.411	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	296726	49.095	ug/l	96
89) n-Butylbenzene	13.786	91	627168	49.190	ug/l	97
90) Hexachloroethane	14.057	117	119229	47.498	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	259501	48.812	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	21899	47.431	ug/l	76
93) 1,2,4-Trichlorobenzene	15.104	180	171579	46.980	ug/l	97
94) Hexachlorobutadiene	15.204	225	88140	44.741	ug/l	97
95) Naphthalene	15.333	128	332934	47.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	149019	47.270	ug/l	99

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

