

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077486.D
 Acq On : 02 Nov 2023 10:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 01:00:39 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	7.881	168	240632	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	431120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	381003	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	170645	50.151	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.300%			
35) Dibromofluoromethane	7.810	113	148453	49.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.640%			
50) Toluene-d8	10.269	98	608052	52.536	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.575	95	190945	48.983	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	85028	43.822	ug/l	100
3) Chloromethane	2.152	50	167426	54.351	ug/l	98
4) Vinyl Chloride	2.293	62	178212	59.327	ug/l	100
5) Bromomethane	2.705	94	102397	65.052	ug/l	100
6) Chloroethane	2.846	64	124417	61.518	ug/l	99
7) Trichlorofluoromethane	3.187	101	199511	47.427	ug/l	99
8) Diethyl Ether	3.599	74	68498	45.299	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.969	101	115891	45.635	ug/l	93
10) Methyl Iodide	4.175	142	137934	43.448	ug/l #	88
11) Tert butyl alcohol	5.058	59	45765	169.792	ug/l #	94
12) 1,1-Dichloroethene	3.952	96	116014	48.254	ug/l #	65
13) Acrolein	3.805	56	74933	210.819	ug/l	95
14) Allyl chloride	4.575	41	272356	46.958	ug/l #	84
15) Acrylonitrile	5.263	53	179820	219.983	ug/l	97
16) Acetone	4.022	43	206026	228.820	ug/l #	76
17) Carbon Disulfide	4.281	76	344415	46.709	ug/l	100
18) Methyl Acetate	4.563	43	146082	44.479	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	326022	43.201	ug/l	93
20) Methylene Chloride	4.810	84	148928	43.693	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	135235	48.298	ug/l #	72
22) Diisopropyl ether	6.222	45	565618	45.885	ug/l #	89
23) Vinyl Acetate	6.163	43	1131450m	212.756	ug/l	
24) 1,1-Dichloroethane	6.122	63	298411	46.654	ug/l	94
25) 2-Butanone	7.087	43	245010	204.010	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	254697	44.933	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	162725	46.909	ug/l	71
28) Bromochloromethane	7.434	49	153382	52.773	ug/l #	54
29) Tetrahydrofuran	7.446	42	150546	211.357	ug/l #	69
30) Chloroform	7.599	83	273861	45.856	ug/l	96
31) Cyclohexane	7.881	56	250803	47.151	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	232069	47.163	ug/l	95
36) 1,1-Dichloropropene	8.010	75	209183	47.349	ug/l	92
37) Ethyl Acetate	7.175	43	105272	41.521	ug/l #	87
38) Carbon Tetrachloride	7.993	117	196206	47.129	ug/l	96
39) Methylcyclohexane	9.275	83	238454	47.305	ug/l #	82
40) Benzene	8.251	78	602972	47.863	ug/l	99

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41) Methacrylonitrile	7.399	41	75371m	46.459	ug/l	
42) 1,2-Dichloroethane	8.328	62	173693	43.531	ug/l	91
43) Isopropyl Acetate	8.363	43	218854	41.829	ug/l #	80
44) Trichloroethene	9.034	130	139983	45.362	ug/l	89
45) 1,2-Dichloropropane	9.310	63	171363	46.204	ug/l	100
46) Dibromomethane	9.398	93	77414	43.373	ug/l	87
47) Bromodichloromethane	9.587	83	208369	44.168	ug/l	99
48) Methyl methacrylate	9.381	41	105322	42.171	ug/l #	64
49) 1,4-Dioxane	9.393	88	13971	728.453	ug/l #	60
51) 4-Methyl-2-Pentanone	10.163	43	525018	203.865	ug/l #	82
52) Toluene	10.340	92	356375	46.404	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	217960	43.631	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	260745	45.358	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	103409	43.425	ug/l	91
56) Ethyl methacrylate	10.598	69	148059	41.818	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	196046	44.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	426062	240.369	ug/l #	84
59) 2-Hexanone	10.922	43	382785	201.768	ug/l	78
60) Dibromochloromethane	11.075	129	120736	42.165	ug/l	96
61) 1,2-Dibromoethane	11.181	107	94764	42.022	ug/l	98
64) Tetrachloroethene	10.810	164	108054	44.545	ug/l	94
65) Chlorobenzene	11.610	112	360802	45.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	130275	43.190	ug/l	97
67) Ethyl Benzene	11.687	91	713530	46.459	ug/l	94
68) m/p-Xylenes	11.798	106	510622	92.071	ug/l	80
69) o-Xylene	12.122	106	245742	46.260	ug/l	82
70) Styrene	12.140	104	413593	45.131	ug/l #	91
71) Bromoform	12.298	173	68668	41.063	ug/l #	99
73) Isopropylbenzene	12.422	105	649822	46.250	ug/l	94
74) N-amyl acetate	12.234	43	203324	40.856	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	116073	42.145	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	90618m	43.205	ug/l	
77) Bromobenzene	12.704	156	133835	43.276	ug/l	71
78) n-propylbenzene	12.763	91	821374	46.041	ug/l	92
79) 2-Chlorotoluene	12.851	91	451430	44.691	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	538547	45.681	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	43889	40.420	ug/l #	86
82) 4-Chlorotoluene	12.951	91	463540	44.056	ug/l	89
83) tert-Butylbenzene	13.169	119	454724	45.876	ug/l	88
84) 1,2,4-Trimethylbenzene	13.216	105	530324	45.284	ug/l	92
85) sec-Butylbenzene	13.345	105	694135	45.770	ug/l	94
86) p-Isopropyltoluene	13.463	119	561024	45.511	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	270371	44.476	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	264152	43.491	ug/l	96
89) n-Butylbenzene	13.786	91	585142	45.669	ug/l	97
90) Hexachloroethane	14.057	117	112943	44.773	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	234520	43.897	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17187	37.043	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	155295	42.313	ug/l	97
94) Hexachlorobutadiene	15.204	225	83009	41.930	ug/l	98
95) Naphthalene	15.333	128	293315	41.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130381	41.155	ug/l	98

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

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