

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078130.D
 Acq On : 08 Jan 2024 14:09
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/09/2024
 Supervised By :Semsettin Yesilyurt 01/09/2024

Quant Time: Jan 09 01:00:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	108948	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	178982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	158544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53994	47.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.140%		
35) Dibromofluoromethane	7.810	113	58573	45.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.820%		
50) Toluene-d8	10.275	98	207650	48.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.000%		
62) 4-Bromofluorobenzene	12.575	95	65808	43.700	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	46222	52.005	ug/l	99
3) Chloromethane	2.152	50	66346	47.892	ug/l	99
4) Vinyl Chloride	2.287	62	97131	49.858	ug/l	96
5) Bromomethane	2.699	94	69561	46.509	ug/l	96
6) Chloroethane	2.846	64	71242	49.250	ug/l	94
7) Trichlorofluoromethane	3.187	101	100209	46.810	ug/l	100
8) Diethyl Ether	3.605	74	26262	46.785	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	61505	48.336	ug/l	96
10) Methyl Iodide	4.175	142	61911	51.072	ug/l	# 89
11) Tert butyl alcohol	5.058	59	13523	231.431	ug/l	97
12) 1,1-Dichloroethene	3.946	96	54268	50.366	ug/l	87
13) Acrolein	3.805	56	21219	241.420	ug/l	95
14) Allyl chloride	4.569	41	69514	48.294	ug/l	89
15) Acrylonitrile	5.263	53	66328	252.560	ug/l	99
16) Acetone	4.022	43	59677	226.478	ug/l	92
17) Carbon Disulfide	4.281	76	120970	50.375	ug/l	100
18) Methyl Acetate	4.564	43	54126	52.427	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	129713	49.968	ug/l	98
20) Methylene Chloride	4.811	84	69975	50.581	ug/l	# 81
21) trans-1,2-Dichloroethene	5.328	96	61288	49.981	ug/l	95
22) Diisopropyl ether	6.222	45	171737	50.740	ug/l	93
23) Vinyl Acetate	6.163	43	378092	242.606	ug/l	93
24) 1,1-Dichloroethane	6.122	63	113450	48.042	ug/l	96
25) 2-Butanone	7.087	43	77938	219.968	ug/l	# 84
26) 2,2-Dichloropropane	7.081	77	103911	49.191	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	75253	49.915	ug/l	92
28) Bromochloromethane	7.428	49	46058	53.793	ug/l	81
29) Tetrahydrofuran	7.452	42	45786	246.316	ug/l	87
30) Chloroform	7.599	83	126317	49.350	ug/l	97
31) Cyclohexane	7.881	56	80485	46.376	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	110063	49.711	ug/l	99
36) 1,1-Dichloropropene	8.016	75	87155	50.041	ug/l	96
37) Ethyl Acetate	7.175	43	32113	46.848	ug/l	# 90
38) Carbon Tetrachloride	7.999	117	98872	49.290	ug/l	99
39) Methylcyclohexane	9.281	83	94531	49.319	ug/l	96
40) Benzene	8.252	78	257965	49.621	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	19744	50.427	ug/l	89
42) 1,2-Dichloroethane	8.328	62	71484	48.860	ug/l	94
43) Isopropyl Acetate	8.369	43	63734	48.231	ug/l #	91
44) Trichloroethene	9.034	130	70218	49.952	ug/l	89
45) 1,2-Dichloropropane	9.310	63	67079	50.030	ug/l	98
46) Dibromomethane	9.404	93	36530	49.247	ug/l	92
47) Bromodichloromethane	9.587	83	97418	49.399	ug/l	96
48) Methyl methacrylate	9.381	41	35541	48.668	ug/l #	77
49) 1,4-Dioxane	9.387	88	6699	1033.105	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	166273	242.859	ug/l	91
52) Toluene	10.334	92	163843	49.902	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	85463	48.828	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	102609	51.381	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	50628	48.662	ug/l	97
56) Ethyl methacrylate	10.599	69	39583	48.819	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	82826	49.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	96831	261.547	ug/l	95
59) 2-Hexanone	10.922	43	120237	233.580	ug/l	88
60) Dibromochloromethane	11.075	129	64234	48.862	ug/l	95
61) 1,2-Dibromoethane	11.181	107	46062	48.089	ug/l	98
64) Tetrachloroethene	10.810	164	53360	49.708	ug/l	93
65) Chlorobenzene	11.610	112	176197	48.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70994	50.102	ug/l	95
67) Ethyl Benzene	11.687	91	325791	50.857	ug/l	98
68) m/p-Xylenes	11.793	106	252687	102.332	ug/l	87
69) o-Xylene	12.122	106	118653	51.890	ug/l	91
70) Styrene	12.134	104	179589	51.664	ug/l	94
71) Bromoform	12.298	173	37030	51.704	ug/l #	98
73) Isopropylbenzene	12.422	105	323212	49.303	ug/l	96
74) N-amyl acetate	12.234	43	55886	46.611	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	56732	45.989	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	39192m	45.112	ug/l	
77) Bromobenzene	12.704	156	70906	47.084	ug/l	89
78) n-propylbenzene	12.763	91	390242	49.110	ug/l	96
79) 2-Chlorotoluene	12.851	91	207466	49.071	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	269871	49.602	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	17196	47.210	ug/l	89
82) 4-Chlorotoluene	12.945	91	216435	47.593	ug/l	96
83) tert-Butylbenzene	13.169	119	238038	49.973	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	270611	50.101	ug/l	95
85) sec-Butylbenzene	13.345	105	347749	49.829	ug/l	96
86) p-Isopropyltoluene	13.463	119	308984	50.002	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	152642	48.852	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	149141	48.324	ug/l	98
89) n-Butylbenzene	13.787	91	289498	49.334	ug/l	99
90) Hexachloroethane	14.057	117	60654	47.757	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	128305	47.602	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8063	48.237	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	79674	47.738	ug/l	97
94) Hexachlorobutadiene	15.204	225	43652	46.357	ug/l	98
95) Naphthalene	15.334	128	142330	48.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	68432	48.078	ug/l	98

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

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