

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078622.D
 Acq On : 08 Mar 2024 18:51
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 02:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	105572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66640	63.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.360%			
35) Dibromofluoromethane	7.804	113	74019	61.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.400%			
50) Toluene-d8	10.269	98	277827	59.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.180%			
62) 4-Bromofluorobenzene	12.569	95	82242	61.765	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 123.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	34635	41.284	ug/l	95
3) Chloromethane	2.152	50	84212	57.228	ug/l	98
4) Vinyl Chloride	2.281	62	126278	48.662	ug/l	96
5) Bromomethane	2.681	94	91804	44.295	ug/l	99
6) Chloroethane	2.828	64	102328	53.203	ug/l	100
7) Trichlorofluoromethane	3.163	101	75324	42.927	ug/l	97
8) Diethyl Ether	3.593	74	24459	49.641	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	44500	40.239	ug/l	97
10) Methyl Iodide	4.152	142	51207	44.249	ug/l #	87
11) Tert butyl alcohol	5.058	59	14550	296.070	ug/l	98
12) 1,1-Dichloroethene	3.934	96	46726	45.259	ug/l	93
13) Acrolein	3.793	56	29978	288.840	ug/l	96
14) Allyl chloride	4.558	41	55841	47.488	ug/l	95
15) Acrylonitrile	5.252	53	59435	292.590	ug/l	98
16) Acetone	4.022	43	40221	200.608	ug/l	90
17) Carbon Disulfide	4.269	76	150941	43.883	ug/l	98
18) Methyl Acetate	4.563	43	28714	75.663	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	115354	54.953	ug/l	99
20) Methylene Chloride	4.799	84	69045	50.397	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	57924	46.695	ug/l	96
22) Diisopropyl ether	6.210	45	139880	53.056	ug/l	94
23) Vinyl Acetate	6.152	43	420980	268.856	ug/l	95
24) 1,1-Dichloroethane	6.104	63	98517	49.462	ug/l	95
25) 2-Butanone	7.081	43	66518	263.012	ug/l	91
26) 2,2-Dichloropropane	7.069	77	70029	41.618	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	66926	49.272	ug/l	98
28) Bromochloromethane	7.422	49	43762	58.812	ug/l	88
29) Tetrahydrofuran	7.446	42	43653	310.681	ug/l	92
30) Chloroform	7.593	83	108417	50.413	ug/l	92
31) Cyclohexane	7.875	56	63908	39.016	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	87252	47.294	ug/l	99
36) 1,1-Dichloropropene	8.004	75	76190	45.893	ug/l	98
37) Ethyl Acetate	7.169	43	31155	57.917	ug/l	96
38) Carbon Tetrachloride	7.987	117	77237	44.480	ug/l	97
39) Methylcyclohexane	9.269	83	80352	41.237	ug/l	96
40) Benzene	8.251	78	235816	47.922	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	13842	48.010	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	65022	52.085	ug/l	98
43) Isopropyl Acetate	8.363	43	55360	53.680	ug/l #	81
44) Trichloroethene	9.028	130	62373	46.190	ug/l	97
45) 1,2-Dichloropropane	9.304	63	58307	49.325	ug/l	95
46) Dibromomethane	9.393	93	36291	53.255	ug/l	95
47) Bromodichloromethane	9.581	83	86288	51.353	ug/l	94
48) Methyl methacrylate	9.381	41	26384	56.477	ug/l	86
49) 1,4-Dioxane	9.381	88	9183	1204.059	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	157179	295.280	ug/l	96
52) Toluene	10.328	92	154596	48.962	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	78739	50.654	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	93108	50.027	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	50750	52.889	ug/l	97
56) Ethyl methacrylate	10.598	69	55240	57.437	ug/l	96
57) 1,3-Dichloropropane	10.875	76	81073	52.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	165400	372.765	ug/l	94
59) 2-Hexanone	10.922	43	110770	280.558	ug/l	91
60) Dibromochloromethane	11.069	129	59799	51.612	ug/l	94
61) 1,2-Dibromoethane	11.175	107	47896	54.388	ug/l	100
64) Tetrachloroethene	10.810	164	53387	45.802	ug/l	96
65) Chlorobenzene	11.604	112	171522	47.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	63971	47.102	ug/l	97
67) Ethyl Benzene	11.681	91	291285	46.081	ug/l	97
68) m/p-Xylenes	11.792	106	235233	91.986	ug/l	96
69) o-Xylene	12.122	106	109526	47.212	ug/l	95
70) Styrene	12.134	104	195648	48.654	ug/l	98
71) Bromoform	12.298	173	37848	52.384	ug/l #	99
73) Isopropylbenzene	12.422	105	268914	42.049	ug/l	96
74) N-amyl acetate	12.228	43	53953	50.124	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	60889	49.700	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	35954m	46.662	ug/l	
77) Bromobenzene	12.698	156	70547	45.613	ug/l	94
78) n-propylbenzene	12.763	91	335269	42.859	ug/l	98
79) 2-Chlorotoluene	12.845	91	187798	44.738	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	235895	45.330	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17601	48.894	ug/l	98
82) 4-Chlorotoluene	12.945	91	199628	44.623	ug/l	98
83) tert-Butylbenzene	13.163	119	189099	42.201	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	240876	45.286	ug/l	97
85) sec-Butylbenzene	13.345	105	295900	42.329	ug/l	96
86) p-Isopropyltoluene	13.457	119	255071	43.345	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	147252	44.558	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	147076	44.421	ug/l	99
89) n-Butylbenzene	13.786	91	228692	41.585	ug/l	97
90) Hexachloroethane	14.051	117	51291	42.866	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	129620	46.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8639	52.902	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	74033	44.537	ug/l	95
94) Hexachlorobutadiene	15.198	225	37384	40.874	ug/l	96
95) Naphthalene	15.328	128	146638	49.922	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	69132	46.829	ug/l	99

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

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