

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079779.D
 Acq On : 04 Sep 2024 17:48
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/05/2024
 Supervised By :Semsettin Yesilyurt 09/05/2024

Quant Time: Sep 05 02:19:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	103485	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	204809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83957	59.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.000%			
35) Dibromofluoromethane	7.805	113	73983	55.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.140%			
50) Toluene-d8	10.269	98	333408	58.396	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.800%			
62) 4-Bromofluorobenzene	12.569	95	100778	63.084	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 126.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	63961	51.474	ug/l	99
3) Chloromethane	2.146	50	143597	55.473	ug/l	99
4) Vinyl Chloride	2.281	62	173820	55.737	ug/l	96
5) Bromomethane	2.687	94	114809	53.181	ug/l	97
6) Chloroethane	2.834	64	122133	57.766	ug/l	99
7) Trichlorofluoromethane	3.170	101	124722	52.981	ug/l	100
8) Diethyl Ether	3.593	74	43040	57.627	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	67073	50.886	ug/l	93
10) Methyl Iodide	4.164	142	77432	50.984	ug/l	# 85
11) Tert butyl alcohol	5.046	59	21786	313.085	ug/l	# 76
12) 1,1-Dichloroethene	3.946	96	74282	53.676	ug/l	87
13) Acrolein	3.799	56	25172	185.552	ug/l	92
14) Allyl chloride	4.564	41	115808	56.802	ug/l	# 87
15) Acrylonitrile	5.252	53	103803	308.218	ug/l	98
16) Acetone	4.023	43	95397	325.799	ug/l	97
17) Carbon Disulfide	4.275	76	266315	52.628	ug/l	97
18) Methyl Acetate	4.558	43	46581	55.498	ug/l	# 83
19) Methyl tert-butyl Ether	5.317	73	182023	60.101	ug/l	97
20) Methylene Chloride	4.799	84	112681	64.656	ug/l	# 77
21) trans-1,2-Dichloroethene	5.305	96	85667	55.775	ug/l	87
22) Diisopropyl ether	6.216	45	269239	62.748	ug/l	# 91
23) Vinyl Acetate	6.152	43	791576	313.114	ug/l	# 90
24) 1,1-Dichloroethane	6.111	63	158829	56.607	ug/l	95
25) 2-Butanone	7.081	43	128341	328.546	ug/l	90
26) 2,2-Dichloropropane	7.075	77	123062	56.372	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	100757	57.196	ug/l	86
28) Bromochloromethane	7.422	49	76429	61.285	ug/l	# 59
29) Tetrahydrofuran	7.446	42	79765	330.128	ug/l	# 78
30) Chloroform	7.599	83	156148	56.059	ug/l	99
31) Cyclohexane	7.875	56	128279	54.382	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	128530	55.400	ug/l	97
36) 1,1-Dichloropropene	8.005	75	113253	57.397	ug/l	93
37) Ethyl Acetate	7.164	43	54911	62.975	ug/l	# 96
38) Carbon Tetrachloride	7.993	117	115010	54.653	ug/l	97
39) Methylcyclohexane	9.275	83	137273	57.129	ug/l	88
40) Benzene	8.252	78	369479	56.148	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	33790	67.720	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	93171	57.731	ug/l	93
43) Isopropyl Acetate	8.363	43	101923	62.656	ug/l #	91
44) Trichloroethene	9.028	130	74714	53.201	ug/l	89
45) 1,2-Dichloropropane	9.305	63	91143	57.375	ug/l	99
46) Dibromomethane	9.393	93	46904	55.817	ug/l #	84
47) Bromodichloromethane	9.581	83	118539	56.486	ug/l	97
48) Methyl methacrylate	9.381	41	47712	60.767	ug/l #	81
49) 1,4-Dioxane	9.381	88	11505	1362.756	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	280374	329.962	ug/l	91
52) Toluene	10.334	92	225366	56.626	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	117587	59.436	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	138418	58.737	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	62381	56.745	ug/l	92
56) Ethyl methacrylate	10.599	69	89341	64.859	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	113718	57.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	184368	296.048	ug/l #	86
59) 2-Hexanone	10.916	43	209653	313.766	ug/l	91
60) Dibromochloromethane	11.069	129	76089	56.270	ug/l	97
61) 1,2-Dibromoethane	11.175	107	56850	59.009	ug/l	97
64) Tetrachloroethene	10.804	164	61111	50.387	ug/l	92
65) Chlorobenzene	11.604	112	243550	53.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	80401	53.427	ug/l	96
67) Ethyl Benzene	11.681	91	446193	55.250	ug/l	99
68) m/p-Xylenes	11.787	106	342432	110.457	ug/l	87
69) o-Xylene	12.116	106	164612	56.971	ug/l	86
70) Styrene	12.134	104	288965	57.297	ug/l	94
71) Bromoform	12.299	173	40721	53.958	ug/l #	99
73) Isopropylbenzene	12.416	105	414445	54.759	ug/l	99
74) N-amyl acetate	12.228	43	113323	62.997	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	79589	54.782	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	48481m	53.340	ug/l	
77) Bromobenzene	12.698	156	87724	52.078	ug/l	77
78) n-propylbenzene	12.757	91	521952	55.809	ug/l	95
79) 2-Chlorotoluene	12.846	91	290146	55.689	ug/l	90
80) 1,3,5-Trimethylbenzene	12.899	105	357131	56.758	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	29903	54.874	ug/l	90
82) 4-Chlorotoluene	12.946	91	300892	55.447	ug/l	92
83) tert-Butylbenzene	13.163	119	295447	56.504	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	368388	56.755	ug/l	97
85) sec-Butylbenzene	13.340	105	444341	55.582	ug/l	98
86) p-Isopropyltoluene	13.457	119	390477	50.985	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	189983	52.537	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	185031	51.175	ug/l	95
89) n-Butylbenzene	13.781	91	386521	60.351	ug/l	97
90) Hexachloroethane	14.051	117	75027	55.503	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	165822	53.547	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12395	58.435	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	101369	59.597	ug/l	95
94) Hexachlorobutadiene	15.198	225	47802	58.443	ug/l	96
95) Naphthalene	15.328	128	241299	69.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	90833	61.116	ug/l	98

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

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