

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079769.D
 Acq On : 04 Sep 2024 13:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 04 15:52:00 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	122880	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	232619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92042	54.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.880%			
35) Dibromofluoromethane	7.804	113	80046	52.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.880%			
50) Toluene-d8	10.269	98	359972	55.511	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.569	95	101887	56.153	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 112.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	62944	42.660	ug/l	100
3) Chloromethane	2.146	50	142085	46.225	ug/l	93
4) Vinyl Chloride	2.281	62	172036	46.458	ug/l	99
5) Bromomethane	2.693	94	112769	43.991	ug/l	96
6) Chloroethane	2.834	64	118265	47.108	ug/l	95
7) Trichlorofluoromethane	3.175	101	127741	45.699	ug/l	95
8) Diethyl Ether	3.599	74	39966	45.065	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.963	101	70655	45.143	ug/l	93
10) Methyl Iodide	4.163	142	74729	41.438	ug/l	# 88
11) Tert butyl alcohol	5.052	59	22348	270.470	ug/l	# 79
12) 1,1-Dichloroethene	3.940	96	74079	45.081	ug/l	91
13) Acrolein	3.793	56	28830	178.973	ug/l	99
14) Allyl chloride	4.557	41	117715	48.624	ug/l	# 84
15) Acrylonitrile	5.246	53	101870	254.736	ug/l	99
16) Acetone	4.022	43	103814	298.584	ug/l	97
17) Carbon Disulfide	4.269	76	273501	45.517	ug/l	98
18) Methyl Acetate	4.563	43	45966	46.121	ug/l	# 82
19) Methyl tert-butyl Ether	5.316	73	180528	50.199	ug/l	95
20) Methylene Chloride	4.799	84	97389	46.323	ug/l	# 79
21) trans-1,2-Dichloroethene	5.310	96	85460	46.859	ug/l	# 84
22) Diisopropyl ether	6.216	45	267006	52.406	ug/l	# 91
23) Vinyl Acetate	6.157	43	806300	273.342	ug/l	# 88
24) 1,1-Dichloroethane	6.110	63	156300	46.913	ug/l	93
25) 2-Butanone	7.081	43	132238	285.091	ug/l	92
26) 2,2-Dichloropropane	7.075	77	132222	51.009	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	97625	46.671	ug/l	82
28) Bromochloromethane	7.422	49	77217	52.144	ug/l	# 57
29) Tetrahydrofuran	7.446	42	79933	278.607	ug/l	# 79
30) Chloroform	7.598	83	156714	47.382	ug/l	97
31) Cyclohexane	7.875	56	134637	48.068	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	132484	48.091	ug/l	96
36) 1,1-Dichloropropene	8.010	75	115481	51.529	ug/l	92
37) Ethyl Acetate	7.163	43	58114	58.680	ug/l	# 94
38) Carbon Tetrachloride	7.987	117	118203	49.455	ug/l	99
39) Methylcyclohexane	9.269	83	144254	52.857	ug/l	88
40) Benzene	8.246	78	370161	49.527	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	34076	60.128	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	94767	51.700	ug/l	91
43) Isopropyl Acetate	8.357	43	103866	56.217	ug/l #	91
44) Trichloroethene	9.028	130	76388	47.890	ug/l	92
45) 1,2-Dichloropropane	9.304	63	93627	51.893	ug/l	99
46) Dibromomethane	9.393	93	47868	50.154	ug/l #	84
47) Bromodichloromethane	9.581	83	117289	49.208	ug/l	100
48) Methyl methacrylate	9.381	41	48649	54.553	ug/l #	82
49) 1,4-Dioxane	9.387	88	10258	1069.788	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	288397	298.827	ug/l	92
52) Toluene	10.328	92	231834	51.287	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	114983	51.172	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	136460	50.983	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	62626	50.157	ug/l	93
56) Ethyl methacrylate	10.598	69	86123	55.048	ug/l #	82
57) 1,3-Dichloropropane	10.875	76	112511	49.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	185807	266.786	ug/l #	87
59) 2-Hexanone	10.922	43	212886	282.659	ug/l	91
60) Dibromochloromethane	11.075	129	79103	51.506	ug/l	98
61) 1,2-Dibromoethane	11.175	107	57180	52.256	ug/l	98
64) Tetrachloroethene	10.810	164	60846	46.790	ug/l	94
65) Chlorobenzene	11.604	112	237846	48.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	75706	46.919	ug/l	98
67) Ethyl Benzene	11.681	91	438276	50.615	ug/l	97
68) m/p-Xylenes	11.792	106	346369	104.204	ug/l	90
69) o-Xylene	12.116	106	156580	50.542	ug/l	85
70) Styrene	12.134	104	285797	52.852	ug/l	96
71) Bromoform	12.292	173	39330	48.605	ug/l #	98
73) Isopropylbenzene	12.416	105	405898	50.272	ug/l	98
74) N-amyl acetate	12.228	43	109587	57.106	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	76785	49.543	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	49802m	51.363	ug/l	
77) Bromobenzene	12.698	156	84488	47.017	ug/l	76
78) n-propylbenzene	12.757	91	514538	51.571	ug/l	96
79) 2-Chlorotoluene	12.845	91	279400	50.269	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	349370	52.048	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	30554	52.558	ug/l	98
82) 4-Chlorotoluene	12.945	91	295415	51.029	ug/l	92
83) tert-Butylbenzene	13.163	119	279810	50.163	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	355837	51.389	ug/l	98
85) sec-Butylbenzene	13.339	105	445965	52.293	ug/l	97
86) p-Isopropyltoluene	13.457	119	381012	46.954	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	186106	48.242	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	180595	46.821	ug/l	97
89) n-Butylbenzene	13.781	91	371614	54.390	ug/l	98
90) Hexachloroethane	14.051	117	72224	50.084	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	159128	48.168	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	11631	51.400	ug/l	68
93) 1,2,4-Trichlorobenzene	15.092	180	90826	50.055	ug/l	97
94) Hexachlorobutadiene	15.198	225	44675	51.200	ug/l	95
95) Naphthalene	15.328	128	205427	55.790	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	80179	50.570	ug/l	99

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

