

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078135.D
 Acq On : 08 Jan 2024 17:35
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD010824

Quant Time: Jan 09 01:37:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	106696	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	177657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	157213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50031	44.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.080%		
35) Dibromofluoromethane	7.810	113	56040	43.769	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.540%		
50) Toluene-d8	10.269	98	192150	44.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.500%		
62) 4-Bromofluorobenzene	12.574	95	62380	41.732	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	44541	51.088	ug/l	99
3) Chloromethane	2.152	50	66193	48.790	ug/l	98
4) Vinyl Chloride	2.293	62	94870	49.726	ug/l	100
5) Bromomethane	2.704	94	68390	46.691	ug/l	97
6) Chloroethane	2.846	64	70556	49.805	ug/l	99
7) Trichlorofluoromethane	3.187	101	100213	47.800	ug/l	94
8) Diethyl Ether	3.593	74	26310	47.860	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.981	101	61165	49.084	ug/l	97
10) Methyl Iodide	4.175	142	58765	49.536	ug/l	# 88
11) Tert butyl alcohol	5.045	59	14194	248.041	ug/l	# 86
12) 1,1-Dichloroethene	3.951	96	52438	49.695	ug/l	91
13) Acrolein	3.798	56	21370	248.948	ug/l	99
14) Allyl chloride	4.575	41	74742	53.022	ug/l	# 86
15) Acrylonitrile	5.263	53	61383	238.664	ug/l	99
16) Acetone	4.016	43	56270	216.643	ug/l	# 79
17) Carbon Disulfide	4.287	76	119940	51.000	ug/l	99
18) Methyl Acetate	4.569	43	51666	51.100	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	127368	50.100	ug/l	99
20) Methylene Chloride	4.810	84	66608	48.912	ug/l	# 81
21) trans-1,2-Dichloroethene	5.322	96	61866	51.517	ug/l	95
22) Diisopropyl ether	6.222	45	168532	50.844	ug/l	92
23) Vinyl Acetate	6.163	43	372910	250.441	ug/l	# 89
24) 1,1-Dichloroethane	6.116	63	116470	50.362	ug/l	95
25) 2-Butanone	7.087	43	74719	215.334	ug/l	89
26) 2,2-Dichloropropane	7.081	77	103610	50.084	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	73924	50.069	ug/l	91
28) Bromochloromethane	7.428	49	45413	54.159	ug/l	81
29) Tetrahydrofuran	7.445	42	42912	235.727	ug/l	87
30) Chloroform	7.598	83	124352	49.608	ug/l	95
31) Cyclohexane	7.881	56	79835	46.972	ug/l	90
32) 1,1,1-Trichloroethane	7.798	97	111032	51.208	ug/l	99
36) 1,1-Dichloropropene	8.010	75	86379	49.965	ug/l	94
37) Ethyl Acetate	7.175	43	31094	45.699	ug/l	94
38) Carbon Tetrachloride	7.992	117	97417	48.927	ug/l	95
39) Methylcyclohexane	9.275	83	93916	49.363	ug/l	89
40) Benzene	8.251	78	252390	48.911	ug/l	98

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41) Methacrylonitrile	7.404	41	16600	41.562	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	69600	47.927	ug/l	93
43) Isopropyl Acetate	8.363	43	62925	47.974	ug/l #	77
44) Trichloroethene	9.028	130	69850	50.061	ug/l	90
45) 1,2-Dichloropropane	9.304	63	64675	48.597	ug/l	99
46) Dibromomethane	9.392	93	35152	47.742	ug/l	93
47) Bromodichloromethane	9.586	83	93197	47.611	ug/l #	93
48) Methyl methacrylate	9.381	41	35538	49.027	ug/l #	75
49) 1,4-Dioxane	9.381	88	5710	887.152	ug/l #	69
51) 4-Methyl-2-Pentanone	10.157	43	161993	238.373	ug/l	88
52) Toluene	10.333	92	162858	49.972	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	85383	49.146	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	100856	50.880	ug/l #	88
55) 1,1,2-Trichloroethane	10.733	97	48823	47.277	ug/l	96
56) Ethyl methacrylate	10.598	69	39648	49.264	ug/l #	79
57) 1,3-Dichloropropane	10.880	76	82187	49.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	91135	247.998	ug/l	96
59) 2-Hexanone	10.922	43	118025	230.993	ug/l	87
60) Dibromochloromethane	11.075	129	62677	48.034	ug/l	97
61) 1,2-Dibromoethane	11.180	107	44753	47.071	ug/l	100
64) Tetrachloroethene	10.816	164	51476	48.359	ug/l	97
65) Chlorobenzene	11.610	112	174336	48.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	70235	49.986	ug/l	94
67) Ethyl Benzene	11.686	91	321411	50.598	ug/l	96
68) m/p-Xylenes	11.792	106	250863	102.454	ug/l	89
69) o-Xylene	12.122	106	115771	51.058	ug/l	90
70) Styrene	12.133	104	173771	50.414	ug/l	93
71) Bromoform	12.298	173	35280	49.677	ug/l #	99
73) Isopropylbenzene	12.422	105	319667	52.764	ug/l	95
74) N-amyl acetate	12.233	43	54624	49.298	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.674	83	56381	49.455	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36934m	49.234	ug/l	
77) Bromobenzene	12.704	156	70706	50.804	ug/l	91
78) n-propylbenzene	12.763	91	381879	52.002	ug/l	97
79) 2-Chlorotoluene	12.851	91	205779	52.666	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	263634	52.433	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	16720	49.671	ug/l	93
82) 4-Chlorotoluene	12.945	91	219541	52.238	ug/l	93
83) tert-Butylbenzene	13.163	119	236723	53.775	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	270984	54.287	ug/l	95
85) sec-Butylbenzene	13.345	105	340469	52.789	ug/l	96
86) p-Isopropyltoluene	13.463	119	304188	53.266	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	148699	51.496	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	144782	50.761	ug/l	99
89) n-Butylbenzene	13.786	91	285383	52.624	ug/l	98
90) Hexachloroethane	14.051	117	59198	50.436	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	124117	49.828	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7619	49.322	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	80451	52.159	ug/l	95
94) Hexachlorobutadiene	15.198	225	43164	49.600	ug/l	98
95) Naphthalene	15.333	128	142412	52.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	66176	50.308	ug/l	97

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

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