

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019266.D
 Acq On : 23 Aug 2024 18:44
 Operator : SY/MD
 Sample : P3663-05MS
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P3663-04MSMS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	55012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	57544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	29621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	33876	61.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.860%			
35) Dibromofluoromethane	7.628	113	33972	90.289	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 180.580%#			
50) Toluene-d8	10.103	98	70462	52.039	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.408	95	8289	17.958	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 35.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35340	87.559	ug/l	97
3) Chloromethane	2.068	50	51951	71.410	ug/l	100
4) Vinyl Chloride	2.196	62	55628	61.904	ug/l	98
5) Bromomethane	2.592	94	28755	52.730	ug/l	97
6) Chloroethane	2.726	64	34819	62.544	ug/l	97
7) Trichlorofluoromethane	3.049	101	87383	64.318	ug/l	97
8) Diethyl Ether	3.446	74	26424	90.106	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.805	101	37754	62.507	ug/l	99
10) Methyl Iodide	3.994	142	23011	38.868	ug/l	95
11) Tert butyl alcohol	4.836	59	18351	418.464	ug/l #	78
12) 1,1-Dichloroethene	3.775	96	37469	68.281	ug/l	92
14) Allyl chloride	4.372	41	39055	53.531	ug/l #	88
15) Acrylonitrile	5.037	53	51121	426.036	ug/l	98
16) Acetone	3.854	43	47881	468.189	ug/l	91
17) Carbon Disulfide	4.092	76	69089	44.638	ug/l	98
18) Methyl Acetate	4.372	43	84576	269.460	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	127940	96.168	ug/l	95
20) Methylene Chloride	4.604	84	50352	86.806	ug/l	91
21) trans-1,2-Dichloroethene	5.098	96	30851	50.322	ug/l	93
22) Diisopropyl ether	6.006	45	148931	89.170	ug/l	98
24) 1,1-Dichloroethane	5.896	63	78597	76.950	ug/l	97
25) 2-Butanone	6.878	43	45329	275.221	ug/l #	86
26) 2,2-Dichloropropane	6.872	77	44874	54.254	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	39813	55.183	ug/l	97
28) Bromochloromethane	7.238	49	30745	71.757	ug/l	96
29) Tetrahydrofuran	7.250	42	49515	467.680	ug/l	88
30) Chloroform	7.415	83	71669	62.970	ug/l	98
31) Cyclohexane	7.689	56	34310	42.887	ug/l	99
32) 1,1,1-Trichloroethane	7.604	97	59129	59.116	ug/l	97
36) 1,1-Dichloropropene	7.823	75	32527	62.955	ug/l	98
37) Ethyl Acetate	6.969	43	8280	36.172	ug/l #	73
38) Carbon Tetrachloride	7.805	117	46051	76.910	ug/l	99
39) Methylcyclohexane	9.103	83	20326	30.656	ug/l	91
40) Benzene	8.073	78	113268	71.481	ug/l	98
41) Methacrylonitrile	7.219	41	13939m	111.565	ug/l	
42) 1,2-Dichloroethane	8.146	62	42614	99.587	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.189	43	17600	38.018	ug/l #	57
44) Trichloroethene	8.859	130	18435	41.694	ug/l	97
45) 1,2-Dichloropropane	9.134	63	25467	72.134	ug/l	95
46) Dibromomethane	9.225	93	16018	69.952	ug/l	99
47) Bromodichloromethane	9.414	83	36410	64.810	ug/l	98
48) Methyl methacrylate	9.213	41	16012	77.608	ug/l	88
49) 1,4-Dioxane	9.213	88	6049	2180.705	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	139180	566.437	ug/l	93
52) Toluene	10.164	92	50933	48.966	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	21462	46.053	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	23244	41.473	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	24950	84.638	ug/l	95
56) Ethyl methacrylate	10.438	69	2195	5.689	ug/l #	69
57) 1,3-Dichloropropane	10.713	76	38385	79.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	14918	81.499	ug/l	98
59) 2-Hexanone	10.755	43	71290	422.313	ug/l	90
60) Dibromochloromethane	10.908	129	24202	60.279	ug/l	98
61) 1,2-Dibromoethane	11.011	107	18733	65.748	ug/l	98
64) Tetrachloroethene	10.646	164	15376	59.387	ug/l	95
65) Chlorobenzene	11.438	112	29248	42.882	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	19568	81.582	ug/l	98
67) Ethyl Benzene	11.517	91	56485	47.714	ug/l	100
68) m/p-Xylenes	11.627	106	37254	79.309	ug/l	96
69) o-Xylene	11.956	106	18823	43.272	ug/l	99
70) Styrene	11.969	104	9613	12.959	ug/l #	76
71) Bromoform	12.133	173	10235	74.646	ug/l #	93
73) Isopropylbenzene	12.255	105	40651	74.138	ug/l	99
74) N-amyl acetate	12.066	43	400	3.345	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.505	83	15298	156.714	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	10242m	145.171	ug/l	
77) Bromobenzene	12.529	156	7224	54.859	ug/l	76
78) n-propylbenzene	12.597	91	32967	50.294	ug/l	98
79) 2-Chlorotoluene	12.682	91	17655	48.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	20713	46.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	2195	76.836	ug/l	90
82) 4-Chlorotoluene	12.773	91	13762	35.995	ug/l	99
83) tert-Butylbenzene	12.999	119	24079	58.372	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	17666	39.681	ug/l	97
85) sec-Butylbenzene	13.176	105	25796	42.912	ug/l	99
86) p-Isopropyltoluene	13.292	119	17577	35.598	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	7026	27.055	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	7170	27.775	ug/l	96
89) n-Butylbenzene	13.615	91	10344	22.978	ug/l	97
90) Hexachloroethane	13.877	117	4623	47.501	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	8668	37.950	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1414	98.465	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	1152	8.944	ug/l	92
94) Hexachlorobutadiene	15.029	225	1099	16.381	ug/l	82
95) Naphthalene	15.145	128	2196	9.553	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.328	180	1017	9.361	ug/l	91

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