

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017061.D
 Acq On : 19 Jan 2024 17:18
 Operator : SY/MD
 Sample : P1184-10MS
 Misc : 3.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0MS

Quant Time: Jan 19 22:25:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.820	168	118932	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	210943	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	178880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	52743	44.869	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.740%		
35) Dibromofluoromethane	7.746	113	64303	47.837	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.680%		
50) Toluene-d8	10.197	98	212152	45.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.496	95	72520	46.437	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50861	57.730	ug/l	94
3) Chloromethane	2.132	50	93626	67.014	ug/l	99
4) Vinyl Chloride	2.272	62	103824	63.001	ug/l	98
5) Bromomethane	2.680	94	78826	66.767	ug/l	96
6) Chloroethane	2.820	64	67922	60.929	ug/l	99
7) Trichlorofluoromethane	3.156	101	106240	52.322	ug/l	97
8) Diethyl Ether	3.558	74	32855	50.631	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.936	101	65857	49.882	ug/l	99
10) Methyl Iodide	4.131	142	66177	58.918	ug/l	97
11) Tert butyl alcohol	5.003	59	13586	144.921	ug/l #	87
12) 1,1-Dichloroethene	3.906	96	63677	56.213	ug/l	98
13) Acrolein	3.759	56	18935	144.391	ug/l	99
14) Allyl chloride	4.521	41	101461	56.657	ug/l	100
15) Acrylonitrile	5.204	53	62235	205.039	ug/l	98
16) Acetone	3.979	43	58929	198.427	ug/l	100
17) Carbon Disulfide	4.235	76	195572	72.255	ug/l	99
18) Methyl Acetate	4.521	43	63688	50.571	ug/l	98
19) Methyl tert-butyl Ether	5.265	73	141870	48.139	ug/l	99
20) Methylene Chloride	4.753	84	84472	57.107	ug/l	97
21) trans-1,2-Dichloroethene	5.265	96	76115	58.668	ug/l	98
22) Diisopropyl ether	6.155	45	225572	54.484	ug/l	95
23) Vinyl Acetate	6.100	43	416324	219.308	ug/l	99
24) 1,1-Dichloroethane	6.058	63	135589	54.498	ug/l	97
25) 2-Butanone	7.021	43	81092	200.223	ug/l	100
26) 2,2-Dichloropropane	7.015	77	111358	51.622	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	84948	55.856	ug/l	99
28) Bromochloromethane	7.368	49	51146	54.759	ug/l	99
29) Tetrahydrofuran	7.381	42	49398	207.631	ug/l	98
30) Chloroform	7.539	83	136855	53.378	ug/l	99
31) Cyclohexane	7.813	56	114661	56.833	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	115932	53.329	ug/l	99
36) 1,1-Dichloropropene	7.948	75	106231	54.227	ug/l	100
37) Ethyl Acetate	7.106	43	35192	39.531	ug/l	98
38) Carbon Tetrachloride	7.929	117	100322	50.405	ug/l	99
39) Methylcyclohexane	9.210	83	125182	56.842	ug/l	98
40) Benzene	8.185	78	317294	53.993	ug/l	99

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41) Methacrylonitrile	7.338	41	20510	43.744	ug/l	99
42) 1,2-Dichloroethane	8.265	62	73835	47.328	ug/l	99
43) Isopropyl Acetate	8.295	43	69163	40.570	ug/l	99
44) Trichloroethene	8.966	130	80090	53.560	ug/l	97
45) 1,2-Dichloropropane	9.240	63	75598	49.935	ug/l	96
46) Dibromomethane	9.331	93	35465	45.932	ug/l	99
47) Bromodichloromethane	9.520	83	100353	48.401	ug/l	97
48) Methyl methacrylate	9.313	41	40808	44.355	ug/l	99
49) 1,4-Dioxane	9.319	88	5808	726.485	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	183106	201.960	ug/l	100
52) Toluene	10.264	92	195256	55.056	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	86854	46.767	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	111114	49.819	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	49540	43.918	ug/l	98
56) Ethyl methacrylate	10.526	69	42562	44.548	ug/l	97
57) 1,3-Dichloropropane	10.807	76	85913	45.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	117633	199.451	ug/l	100
59) 2-Hexanone	10.849	43	127831	191.481	ug/l	100
60) Dibromochloromethane	11.002	129	58816	45.214	ug/l	99
61) 1,2-Dibromoethane	11.106	107	44096	44.994	ug/l	98
64) Tetrachloroethene	10.740	164	62757	54.114	ug/l	97
65) Chlorobenzene	11.532	112	193824	52.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	70837	50.007	ug/l	99
67) Ethyl Benzene	11.612	91	365415	54.468	ug/l	99
68) m/p-Xylenes	11.721	106	274762	111.577	ug/l	99
69) o-Xylene	12.044	106	126741	54.900	ug/l	99
70) Styrene	12.063	104	183409	54.587	ug/l	99
71) Bromoform	12.227	173	29733	42.637	ug/l #	98
73) Isopropylbenzene	12.349	105	340107	53.646	ug/l	99
74) N-amyl acetate	12.160	43	55334	43.442	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	52800	40.875	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	33857m	40.187	ug/l	
77) Bromobenzene	12.624	156	69120	49.519	ug/l	97
78) n-propylbenzene	12.685	91	414191	53.740	ug/l	100
79) 2-Chlorotoluene	12.776	91	224994	52.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	273949	54.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	14890	40.133	ug/l	100
82) 4-Chlorotoluene	12.874	91	226631	51.904	ug/l	99
83) tert-Butylbenzene	13.093	119	238806	54.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	267877	54.250	ug/l	98
85) sec-Butylbenzene	13.270	105	347126	53.047	ug/l	99
86) p-Isopropyltoluene	13.386	119	292208	54.107	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	138328	50.530	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	133653	49.917	ug/l	99
89) n-Butylbenzene	13.715	91	277824	53.505	ug/l	100
90) Hexachloroethane	13.977	117	58777	50.649	ug/l	99
91) 1,2-Dichlorobenzene	13.758	146	115726	48.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6213	38.355	ug/l	97
93) 1,2,4-Trichlorobenzene	15.026	180	59204	50.396	ug/l	100
94) Hexachlorobutadiene	15.129	225	36911	50.155	ug/l	99
95) Naphthalene	15.257	128	97970	46.185	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	48589	48.711	ug/l	98

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

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