

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019267.D
 Acq On : 23 Aug 2024 19:07
 Operator : SY/MD
 Sample : P3663-06MSD
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P3663-04MSDMSD

Quant Time: Aug 23 23:02:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	55646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	64370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	35895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	33560	60.164	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.320%			
35) Dibromofluoromethane	7.622	113	31739	75.409	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 150.820%#			
50) Toluene-d8	10.103	98	72011	47.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.080%			
62) 4-Bromofluorobenzene	12.407	95	10445	20.229	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 40.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	37111	90.899	ug/l	98
3) Chloromethane	2.062	50	52564	71.429	ug/l	95
4) Vinyl Chloride	2.196	62	58538	64.400	ug/l	99
5) Bromomethane	2.586	94	32217	59.127	ug/l	91
6) Chloroethane	2.732	64	36100	64.347	ug/l	93
7) Trichlorofluoromethane	3.049	101	91755	66.766	ug/l	97
8) Diethyl Ether	3.446	74	24703	83.277	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.799	101	42363	69.339	ug/l	96
10) Methyl Iodide	3.994	142	30738	51.329	ug/l	94
11) Tert butyl alcohol	4.836	59	15596	343.648	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	40928	73.735	ug/l	97
14) Allyl chloride	4.378	41	32947	44.644	ug/l #	90
15) Acrylonitrile	5.043	53	44657	367.925	ug/l	97
16) Acetone	3.854	43	51460	497.452	ug/l #	83
17) Carbon Disulfide	4.092	76	91071	58.170	ug/l	100
18) Methyl Acetate	4.372	43	108389	341.394	ug/l	93
19) Methyl tert-butyl Ether	5.098	73	113792	84.559	ug/l	100
20) Methylene Chloride	4.604	84	55866	96.460	ug/l	98
21) trans-1,2-Dichloroethene	5.098	96	35485	57.222	ug/l	94
22) Diisopropyl ether	6.006	45	140384	83.095	ug/l #	94
24) 1,1-Dichloroethane	5.902	63	83373	80.696	ug/l	98
25) 2-Butanone	6.878	43	60716	364.445	ug/l #	85
26) 2,2-Dichloropropane	6.872	77	48955	58.513	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	43911	60.169	ug/l	97
28) Bromochloromethane	7.238	49	28477	65.707	ug/l	96
29) Tetrahydrofuran	7.244	42	38229	356.967	ug/l	90
30) Chloroform	7.408	83	73409	63.764	ug/l	98
31) Cyclohexane	7.689	56	39140	48.965	ug/l	98
32) 1,1,1-Trichloroethane	7.603	97	62988	62.257	ug/l	98
36) 1,1-Dichloropropene	7.823	75	39547	68.426	ug/l	99
37) Ethyl Acetate	6.975	43	9858	38.498	ug/l #	75
38) Carbon Tetrachloride	7.805	117	51777	77.303	ug/l	98
39) Methylcyclohexane	9.103	83	27145	36.599	ug/l	98
40) Benzene	8.067	78	135737	76.577	ug/l	98
41) Methacrylonitrile	7.207	41	11483m	82.162	ug/l	
42) 1,2-Dichloroethane	8.146	62	32781	68.484	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.189	43	14712	28.409	ug/l #	81
44) Trichloroethene	8.859	130	23468	47.449	ug/l	96
45) 1,2-Dichloropropane	9.134	63	27113	68.653	ug/l	96
46) Dibromomethane	9.225	93	15689	61.249	ug/l	99
47) Bromodichloromethane	9.420	83	37136	59.092	ug/l	96
48) Methyl methacrylate	9.213	41	16451	71.281	ug/l	84
49) 1,4-Dioxane	9.219	88	5227	1684.544	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	115841	421.457	ug/l	91
52) Toluene	10.170	92	61107	52.518	ug/l	97
53) t-1,3-Dichloropropene	10.389	75	21233	40.730	ug/l #	89
54) cis-1,3-Dichloropropene	9.853	75	25772	41.107	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	23485	71.220	ug/l	98
56) Ethyl methacrylate	10.438	69	11882	27.529	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	38071	70.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	5532	27.017	ug/l #	89
59) 2-Hexanone	10.761	43	69427	367.663	ug/l	90
60) Dibromochloromethane	10.908	129	24600	54.773	ug/l	95
61) 1,2-Dibromoethane	11.017	107	18662	58.554	ug/l	98
64) Tetrachloroethene	10.645	164	19929	63.519	ug/l	92
65) Chlorobenzene	11.438	112	39597	47.908	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	22503	77.420	ug/l	97
67) Ethyl Benzene	11.517	91	82335	57.394	ug/l	98
68) m/p-Xylenes	11.627	106	58279	102.383	ug/l	99
69) o-Xylene	11.956	106	26571	50.407	ug/l	99
70) Styrene	11.962	104	4609	5.127	ug/l #	13
71) Bromoform	12.133	173	10046	60.462	ug/l #	97
73) Isopropylbenzene	12.255	105	66290	111.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	15326	144.220	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	12270m	159.758	ug/l	
77) Bromobenzene	12.529	156	10388	72.464	ug/l	88
78) n-propylbenzene	12.596	91	58984	82.660	ug/l	100
79) 2-Chlorotoluene	12.682	91	28999	72.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	36655	75.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	1815	58.362	ug/l	92
82) 4-Chlorotoluene	12.779	91	25456	61.161	ug/l	96
83) tert-Butylbenzene	12.999	119	40651	90.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	30800	63.551	ug/l	98
85) sec-Butylbenzene	13.176	105	46477	71.021	ug/l	96
86) p-Isopropyltoluene	13.291	119	34258	63.733	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	11856	41.937	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	11630	41.384	ug/l	96
89) n-Butylbenzene	13.614	91	21831	44.547	ug/l	98
90) Hexachloroethane	13.877	117	7253	68.458	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	11532	46.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1516	96.974	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	1914	13.650	ug/l	89
94) Hexachlorobutadiene	15.023	225	2067	28.301	ug/l	95
95) Naphthalene	15.145	128	2935	11.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.321	180	1648	13.935	ug/l	96

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

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