

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020582.D
 Acq On : 11 Dec 2024 12:33
 Operator : SY/MD
 Sample : VY1211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

Quant Time: Dec 11 22:11:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168679	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	266080	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	222599	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	112609	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	86811	50.604	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.200%
35) Dibromofluoromethane	7.628	113	84406	50.389	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.103	98	312915	49.058	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.402	95	110765	49.651	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	27089	16.464	ug/l	100
3) Chloromethane	2.068	50	28750	17.258	ug/l	98
4) Vinyl Chloride	2.202	62	29376	17.295	ug/l	96
5) Bromomethane	2.592	94	16919	16.977	ug/l	99
6) Chloroethane	2.739	64	19258	18.498	ug/l	95
7) Trichlorofluoromethane	3.056	101	53855	16.929	ug/l	97
8) Diethyl Ether	3.452	74	17669	19.603	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	35150	18.963	ug/l	98
10) Methyl Iodide	4.001	142	36480	17.531	ug/l	98
11) Tert butyl alcohol	4.854	59	16222	145.773	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	30782	17.580	ug/l	97
13) Acrolein	3.647	56	9878	94.807	ug/l	99
14) Allyl chloride	4.385	41	59056	18.910	ug/l	95
15) Acrylonitrile	5.055	53	41964	111.737	ug/l	100
16) Acetone	3.860	43	48720	114.217	ug/l	96
17) Carbon Disulfide	4.104	76	73540	14.674	ug/l	100
18) Methyl Acetate	4.385	43	21323	23.520	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	91880	20.547	ug/l	99
20) Methylene Chloride	4.610	84	39401	21.714	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	35366	18.184	ug/l	96
22) Diisopropyl ether	6.012	45	131857	21.233	ug/l	96
23) Vinyl Acetate	5.958	43	348637	106.139	ug/l	99
24) 1,1-Dichloroethane	5.909	63	72416	19.369	ug/l	100
25) 2-Butanone	6.890	43	63971	118.767	ug/l	98
26) 2,2-Dichloropropane	6.878	77	67967	19.220	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	44735	19.699	ug/l	99
28) Bromochloromethane	7.244	49	25654	18.375	ug/l	97
29) Tetrahydrofuran	7.256	42	34794	113.232	ug/l	99
30) Chloroform	7.415	83	75619	19.707	ug/l	97
31) Cyclohexane	7.701	56	57218	16.928	ug/l #	90
32) 1,1,1-Trichloroethane	7.616	97	68204	18.460	ug/l	98
36) 1,1-Dichloropropene	7.829	75	49884	17.635	ug/l	98
37) Ethyl Acetate	6.982	43	25477	22.733	ug/l	99
38) Carbon Tetrachloride	7.817	117	61522	18.223	ug/l	91
39) Methylcyclohexane	9.103	83	59520	16.956	ug/l	94
40) Benzene	8.079	78	158398	18.992	ug/l	100

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41) Methacrylonitrile	7.226	41	13487	21.170	ug/l	95
42) 1,2-Dichloroethane	8.158	62	44507	20.309	ug/l	100
43) Isopropyl Acetate	8.195	43	50411	22.276	ug/l #	89
44) Trichloroethene	8.866	130	39945	19.428	ug/l	90
45) 1,2-Dichloropropane	9.140	63	38951	19.957	ug/l	98
46) Dibromomethane	9.231	93	19621	20.305	ug/l	96
47) Bromodichloromethane	9.420	83	58560	20.569	ug/l #	99
48) Methyl methacrylate	9.219	41	21949	20.800	ug/l	98
49) 1,4-Dioxane	9.231	88	4026	435.869	ug/l #	84
51) 4-Methyl-2-Pentanone	9.993	43	134656	120.490	ug/l	100
52) Toluene	10.170	92	99824	19.183	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	51814	20.271	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	60322	19.969	ug/l	94
55) 1,1,2-Trichloroethane	10.566	97	27756	21.532	ug/l	93
56) Ethyl methacrylate	10.438	69	38517	21.118	ug/l	96
57) 1,3-Dichloropropane	10.713	76	48798	21.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	92635	108.475	ug/l	98
59) 2-Hexanone	10.755	43	92984	115.332	ug/l	98
60) Dibromochloromethane	10.908	129	37558	20.928	ug/l	99
61) 1,2-Dibromoethane	11.012	107	24990	21.199	ug/l	98
64) Tetrachloroethene	10.646	164	34558	18.373	ug/l	94
65) Chlorobenzene	11.438	112	108326	19.415	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	39510	19.967	ug/l	98
67) Ethyl Benzene	11.518	91	199372	19.063	ug/l	99
68) m/p-Xylenes	11.627	106	144184	37.650	ug/l	99
69) o-Xylene	11.956	106	69084	19.256	ug/l	99
70) Styrene	11.969	104	116777	19.510	ug/l	99
71) Bromoform	12.127	173	21404	21.275	ug/l #	100
73) Isopropylbenzene	12.255	105	190984	17.529	ug/l	99
74) N-amyl acetate	12.066	43	42162	19.743	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	31545	20.133	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	22939m	19.997	ug/l	
77) Bromobenzene	12.530	156	40779	18.073	ug/l	99
78) n-propylbenzene	12.591	91	230524	17.870	ug/l	99
79) 2-Chlorotoluene	12.676	91	131750	18.100	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	156933	17.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10704	19.146	ug/l	96
82) 4-Chlorotoluene	12.773	91	135517	18.244	ug/l	99
83) tert-Butylbenzene	12.999	119	142997	18.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	154029	18.150	ug/l	99
85) sec-Butylbenzene	13.176	105	208231	18.406	ug/l	99
86) p-Isopropyltoluene	13.292	119	171138	18.306	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	82674	18.999	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	82275	19.313	ug/l	99
89) n-Butylbenzene	13.615	91	161853	18.667	ug/l	99
90) Hexachloroethane	13.883	117	34606	18.994	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	72099	19.538	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4731	19.945	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	41432	19.967	ug/l	99
94) Hexachlorobutadiene	15.029	225	27396	18.872	ug/l	99
95) Naphthalene	15.145	128	67113	19.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	34097	20.364	ug/l	98

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

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