

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020583.D
 Acq On : 11 Dec 2024 12:55
 Operator : SY/MD
 Sample : VY1211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

Quant Time: Dec 11 22:12:08 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	155182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	247256	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	209237	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	108573	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	78621	49.816	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.634	113	74880	48.105	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	278244	46.943	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.401	95	100902	48.674	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	26377	17.425	ug/l	98
3) Chloromethane	2.068	50	28314	18.474	ug/l	96
4) Vinyl Chloride	2.202	62	28652	18.336	ug/l	94
5) Bromomethane	2.586	94	16867	18.396	ug/l	96
6) Chloroethane	2.726	64	18117	18.916	ug/l	99
7) Trichlorofluoromethane	3.055	101	51795	17.697	ug/l	99
8) Diethyl Ether	3.458	74	18107	21.836	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	32967	19.332	ug/l	96
10) Methyl Iodide	4.000	142	34596	18.072	ug/l	94
11) Tert butyl alcohol	4.860	59	17438	170.329	ug/l	98
12) 1,1-Dichloroethene	3.793	96	29945	18.589	ug/l	95
13) Acrolein	3.653	56	9622	100.382	ug/l	97
14) Allyl chloride	4.378	41	56876	19.796	ug/l	95
15) Acrylonitrile	5.055	53	45511	131.722	ug/l	99
16) Acetone	3.866	43	50420	128.484	ug/l	99
17) Carbon Disulfide	4.104	76	70289	15.245	ug/l	99
18) Methyl Acetate	4.378	43	23148	27.753	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	94130	22.881	ug/l	100
20) Methylene Chloride	4.610	84	38963	23.340	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	33039	18.465	ug/l	91
22) Diisopropyl ether	6.018	45	130284	22.804	ug/l	97
23) Vinyl Acetate	5.964	43	355201	117.542	ug/l	100
24) 1,1-Dichloroethane	5.915	63	71142	20.683	ug/l	99
25) 2-Butanone	6.890	43	69560	140.375	ug/l	96
26) 2,2-Dichloropropane	6.884	77	65927	20.265	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	42589	20.385	ug/l	100
28) Bromochloromethane	7.244	49	24686	19.219	ug/l	98
29) Tetrahydrofuran	7.262	42	37651	133.187	ug/l	99
30) Chloroform	7.421	83	74703	21.162	ug/l	97
31) Cyclohexane	7.701	56	55898	17.976	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	66690	19.620	ug/l	98
36) 1,1-Dichloropropene	7.835	75	49977	19.013	ug/l	99
37) Ethyl Acetate	6.982	43	27686	26.585	ug/l	99
38) Carbon Tetrachloride	7.817	117	59324	18.909	ug/l	99
39) Methylcyclohexane	9.103	83	58063	17.801	ug/l	97
40) Benzene	8.079	78	154612	19.949	ug/l	99

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41) Methacrylonitrile	7.219	41	14534	24.550	ug/l	93
42) 1,2-Dichloroethane	8.158	62	44797	21.997	ug/l	99
43) Isopropyl Acetate	8.195	43	53212	25.304	ug/l	99
44) Trichloroethene	8.865	130	37472	19.613	ug/l	97
45) 1,2-Dichloropropane	9.140	63	38746	21.364	ug/l	99
46) Dibromomethane	9.231	93	20627	22.971	ug/l	97
47) Bromodichloromethane	9.420	83	57165	21.607	ug/l	99
48) Methyl methacrylate	9.213	41	23674	24.142	ug/l	97
49) 1,4-Dioxane	9.225	88	4824	562.024	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	144521	139.162	ug/l	100
52) Toluene	10.164	92	98935	20.460	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	53440	22.499	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	61034	21.743	ug/l	93
55) 1,1,2-Trichloroethane	10.566	97	29010	24.218	ug/l	95
56) Ethyl methacrylate	10.432	69	39997	23.599	ug/l	97
57) 1,3-Dichloropropane	10.713	76	50177	23.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	88576	111.619	ug/l	97
59) 2-Hexanone	10.755	43	103462	138.098	ug/l	97
60) Dibromochloromethane	10.908	129	38282	22.955	ug/l	100
61) 1,2-Dibromoethane	11.011	107	25657	23.422	ug/l	97
64) Tetrachloroethene	10.646	164	34930	19.757	ug/l	95
65) Chlorobenzene	11.438	112	108293	20.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	39754	21.373	ug/l	98
67) Ethyl Benzene	11.517	91	196013	19.939	ug/l	100
68) m/p-Xylenes	11.627	106	144470	40.134	ug/l	100
69) o-Xylene	11.950	106	68698	20.371	ug/l	99
70) Styrene	11.969	104	118553	21.071	ug/l	100
71) Bromoform	12.127	173	22585	23.883	ug/l #	99
73) Isopropylbenzene	12.249	105	189630	18.051	ug/l	99
74) N-amyl acetate	12.066	43	47613	23.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34129	22.591	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	23242m	21.014	ug/l	
77) Bromobenzene	12.529	156	42677	19.617	ug/l	99
78) n-propylbenzene	12.590	91	231826	18.639	ug/l	99
79) 2-Chlorotoluene	12.676	91	132038	18.814	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	157484	18.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	11699	21.704	ug/l	97
82) 4-Chlorotoluene	12.773	91	137951	19.262	ug/l	99
83) tert-Butylbenzene	12.993	119	138923	18.253	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	157213	19.214	ug/l	99
85) sec-Butylbenzene	13.176	105	209049	19.165	ug/l	100
86) p-Isopropyltoluene	13.291	119	173770	19.278	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	85120	20.288	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	85619	20.846	ug/l	98
89) n-Butylbenzene	13.615	91	166896	19.964	ug/l	100
90) Hexachloroethane	13.877	117	34430	19.600	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	76343	21.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5495	24.027	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	46172	23.078	ug/l	99
94) Hexachlorobutadiene	15.023	225	30220	21.591	ug/l	97
95) Naphthalene	15.145	128	79241	24.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39400	24.406	ug/l	98

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

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