

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020626.D
 Acq On : 18 Dec 2024 11:19
 Operator : SY/MD
 Sample : VY1218SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1218SBS01

Quant Time: Dec 18 14:21:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/19/2024
 Supervised By :Semsettin Yesilyurt 12/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	167281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	257615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	127451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88674	48.401	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	96.800%	
35) Dibromofluoromethane	7.634	113	87767	48.340	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	96.680%	
50) Toluene-d8	10.103	98	309318	48.674	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	97.340%	
62) 4-Bromofluorobenzene	12.408	95	115004	46.263	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	92.520%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40382	19.327	ug/l	99
3) Chloromethane	2.068	50	30252	19.541	ug/l	97
4) Vinyl Chloride	2.208	62	30090	20.882	ug/l	93
5) Bromomethane	2.592	94	17369	18.752	ug/l	94
6) Chloroethane	2.733	64	17918	20.123	ug/l	97
7) Trichlorofluoromethane	3.062	101	58469	19.392	ug/l	95
8) Diethyl Ether	3.452	74	18809	17.788	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	37241	17.232	ug/l	100
10) Methyl Iodide	4.007	142	41758	17.355	ug/l	100
11) Tert butyl alcohol	4.860	59	19583	78.568	ug/l	97
12) 1,1-Dichloroethene	3.787	96	35177	16.776	ug/l	99
13) Acrolein	3.653	56	8215	94.829	ug/l	94
14) Allyl chloride	4.385	41	69625	18.949	ug/l	99
15) Acrylonitrile	5.068	53	49364	97.584	ug/l	99
16) Acetone	3.873	43	29969	77.909	ug/l	98
17) Carbon Disulfide	4.110	76	119696	17.537	ug/l	99
18) Methyl Acetate	4.391	43	24523	19.673	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	107210	19.809	ug/l	95
20) Methylene Chloride	4.623	84	44364	19.476	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	44598	18.960	ug/l	96
22) Diisopropyl ether	6.019	45	148852	19.958	ug/l	95
23) Vinyl Acetate	5.964	43	416297	98.552	ug/l	99
24) 1,1-Dichloroethane	5.921	63	83933	19.210	ug/l	99
25) 2-Butanone	6.903	43	61848	90.838	ug/l	99
26) 2,2-Dichloropropane	6.890	77	71249	17.250	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	52075	19.243	ug/l	99
28) Bromochloromethane	7.244	49	25031	16.984	ug/l	99
29) Tetrahydrofuran	7.268	42	41982	97.675	ug/l	99
30) Chloroform	7.421	83	90485	17.145	ug/l	99
31) Cyclohexane	7.701	56	78663	18.829	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	77928	19.413	ug/l	99
36) 1,1-Dichloropropene	7.835	75	63989	19.328	ug/l	100
37) Ethyl Acetate	6.988	43	29965	19.242	ug/l	97
38) Carbon Tetrachloride	7.817	117	70634	19.284	ug/l	96
39) Methylcyclohexane	9.110	83	81692	18.932	ug/l	98
40) Benzene	8.079	78	189386	19.516	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18878	22.930	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	50543	19.638	ug/l	99
43) Isopropyl Acetate	8.195	43	58670	19.900	ug/l #	91
44) Trichloroethene	8.866	130	46211	19.380	ug/l	98
45) 1,2-Dichloropropane	9.140	63	44886	19.791	ug/l	96
46) Dibromomethane	9.231	93	23180	19.339	ug/l	100
47) Bromodichloromethane	9.420	83	62416	19.278	ug/l	98
48) Methyl methacrylate	9.219	41	27180	19.393	ug/l	99
49) 1,4-Dioxane	9.225	88	5652	411.180	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	151100	97.097	ug/l	100
52) Toluene	10.170	92	116630	19.339	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	59203	19.624	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	69444	19.425	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	30990	19.556	ug/l	99
56) Ethyl methacrylate	10.439	69	45754	19.902	ug/l	99
57) 1,3-Dichloropropane	10.719	76	56163	19.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	95263	98.479	ug/l	99
59) 2-Hexanone	10.762	43	97879	97.964	ug/l	99
60) Dibromochloromethane	10.908	129	41648	19.651	ug/l	98
61) 1,2-Dibromoethane	11.018	107	29380	19.931	ug/l	99
64) Tetrachloroethene	10.646	164	39902	18.715	ug/l	97
65) Chlorobenzene	11.438	112	122617	19.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	42870	19.781	ug/l	98
67) Ethyl Benzene	11.518	91	226042	19.332	ug/l	99
68) m/p-Xylenes	11.627	106	166597	38.321	ug/l	99
69) o-Xylene	11.957	106	77614	19.134	ug/l	96
70) Styrene	11.969	104	131983	19.475	ug/l	99
71) Bromoform	12.133	173	24420	20.042	ug/l #	100
73) Isopropylbenzene	12.255	105	212024	19.063	ug/l	100
74) N-amyl acetate	12.072	43	50923	19.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	36238	20.073	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	26707m	20.172	ug/l	
77) Bromobenzene	12.536	156	46315	19.117	ug/l	97
78) n-propylbenzene	12.597	91	254635	19.003	ug/l	99
79) 2-Chlorotoluene	12.682	91	145409	19.287	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	172109	19.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12641	20.041	ug/l	98
82) 4-Chlorotoluene	12.780	91	149033	19.054	ug/l	100
83) tert-Butylbenzene	12.999	119	154550	18.910	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	170656	19.278	ug/l	99
85) sec-Butylbenzene	13.176	105	224573	18.898	ug/l	100
86) p-Isopropyltoluene	13.292	119	184653	18.847	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	91457	19.123	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	89466	18.888	ug/l	98
89) n-Butylbenzene	13.621	91	175462	18.896	ug/l	100
90) Hexachloroethane	13.883	117	37311	19.216	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	80206	19.356	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5613	19.150	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	46722	18.641	ug/l	98
94) Hexachlorobutadiene	15.029	225	29648	18.095	ug/l	99
95) Naphthalene	15.145	128	83096	19.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	39852	18.819	ug/l	99

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

