

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020600.D
 Acq On : 13 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1213SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBS01

Quant Time: Dec 13 22:26:53 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

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	186867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	291642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	235433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80765	42.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.000%
35) Dibromofluoromethane	7.646	113	84826	46.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.115	98	317484	45.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.414	95	107709	44.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	31004	17.009	ug/l	99
3) Chloromethane	2.080	50	33661	18.239	ug/l	99
4) Vinyl Chloride	2.220	62	30509	16.213	ug/l	99
5) Bromomethane	2.611	94	16978	15.378	ug/l	94
6) Chloroethane	2.751	64	16529	14.332	ug/l #	88
7) Trichlorofluoromethane	3.074	101	66977	19.005	ug/l	95
8) Diethyl Ether	3.470	74	18964	18.992	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.836	101	44099	21.475	ug/l	97
10) Methyl Iodide	4.025	142	42897	18.609	ug/l	98
11) Tert butyl alcohol	4.860	59	16263	131.917	ug/l #	94
12) 1,1-Dichloroethene	3.806	96	38145	19.664	ug/l	97
13) Acrolein	3.671	56	9353	81.031	ug/l	99
14) Allyl chloride	4.403	41	69751	20.161	ug/l	95
15) Acrylonitrile	5.080	53	43373	104.248	ug/l	99
16) Acetone	3.885	43	47832	101.221	ug/l	97
17) Carbon Disulfide	4.129	76	81430	14.667	ug/l	99
18) Methyl Acetate	4.403	43	21082	20.990	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	98304	19.844	ug/l	99
20) Methylene Chloride	4.635	84	43028	21.405	ug/l	96
21) trans-1,2-Dichloroethene	5.141	96	42194	19.583	ug/l	96
22) Diisopropyl ether	6.037	45	152216	22.125	ug/l	98
23) Vinyl Acetate	5.976	43	369917	101.656	ug/l	99
24) 1,1-Dichloroethane	5.933	63	88071	21.264	ug/l	99
25) 2-Butanone	6.909	43	61807	103.580	ug/l	96
26) 2,2-Dichloropropane	6.903	77	83215	21.242	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	52397	20.827	ug/l	99
28) Bromochloromethane	7.262	49	27601	17.845	ug/l	98
29) Tetrahydrofuran	7.281	42	33689	98.965	ug/l	99
30) Chloroform	7.439	83	90163	21.211	ug/l	98
31) Cyclohexane	7.713	56	70157	18.736	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	83379	20.370	ug/l	98
36) 1,1-Dichloropropene	7.854	75	63076	20.344	ug/l	100
37) Ethyl Acetate	7.000	43	25692	20.916	ug/l	99
38) Carbon Tetrachloride	7.829	117	74517	20.137	ug/l	96
39) Methylcyclohexane	9.122	83	74657	19.405	ug/l	98
40) Benzene	8.091	78	187221	20.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	13871	19.864	ug/l	93
42) 1,2-Dichloroethane	8.171	62	46696	19.440	ug/l	99
43) Isopropyl Acetate	8.207	43	49654	20.019	ug/l #	88
44) Trichloroethene	8.878	130	47744	21.186	ug/l	95
45) 1,2-Dichloropropane	9.152	63	46417	21.698	ug/l	98
46) Dibromomethane	9.244	93	21382	20.188	ug/l	97
47) Bromodichloromethane	9.433	83	65783	21.080	ug/l	99
48) Methyl methacrylate	9.231	41	22729	19.651	ug/l	95
49) 1,4-Dioxane	9.231	88	4156	410.506	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	125391	102.365	ug/l	98
52) Toluene	10.182	92	118340	20.748	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	56271	20.085	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	69289	20.927	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	29762	21.065	ug/l	97
56) Ethyl methacrylate	10.445	69	38709	19.363	ug/l	95
57) 1,3-Dichloropropane	10.725	76	53071	20.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	85735	91.596	ug/l	99
59) 2-Hexanone	10.768	43	88061	99.652	ug/l	99
60) Dibromochloromethane	10.920	129	41476	21.085	ug/l	98
61) 1,2-Dibromoethane	11.024	107	26069	20.176	ug/l	98
64) Tetrachloroethene	10.658	164	40779	20.499	ug/l	96
65) Chlorobenzene	11.451	112	125952	21.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	44346	21.189	ug/l	99
67) Ethyl Benzene	11.530	91	235470	21.288	ug/l	98
68) m/p-Xylenes	11.640	106	172173	42.508	ug/l	100
69) o-Xylene	11.963	106	80559	21.230	ug/l	99
70) Styrene	11.981	104	134836	21.299	ug/l	100
71) Bromoform	12.139	173	22241	20.902	ug/l #	99
73) Isopropylbenzene	12.261	105	232600	21.528	ug/l	100
74) N-ethyl acetate	12.078	43	40690	19.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	31915	20.540	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	21371m	18.787	ug/l	
77) Bromobenzene	12.542	156	46447	20.758	ug/l	97
78) n-propylbenzene	12.603	91	274622	21.468	ug/l	99
79) 2-Chlorotoluene	12.688	91	154419	21.393	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	183770	21.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10341	18.652	ug/l	98
82) 4-Chlorotoluene	12.786	91	155255	21.077	ug/l	99
83) tert-Butylbenzene	13.005	119	166290	21.243	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	178238	21.179	ug/l	98
85) sec-Butylbenzene	13.182	105	247949	22.101	ug/l	99
86) p-Isopropyltoluene	13.304	119	202428	21.835	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	93818	21.741	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	91187	21.586	ug/l	99
89) n-Butylbenzene	13.627	91	192244	22.358	ug/l	100
90) Hexachloroethane	13.889	117	39984	22.131	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	79027	21.595	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4419	18.786	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	42864	20.831	ug/l	99
94) Hexachlorobutadiene	15.035	225	32148	22.332	ug/l	98
95) Naphthalene	15.157	128	61789	18.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	33793	20.353	ug/l	100

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

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