

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020603.D
 Acq On : 13 Dec 2024 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 22:29:08 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

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	174847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	285490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	240960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	117929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101332	56.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.960%	
35) Dibromofluoromethane	7.646	113	99494	55.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.115	98	357392	52.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.414	95	127316	53.190	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	70322	41.232	ug/l	98
3) Chloromethane	2.074	50	63939	37.026	ug/l	99
4) Vinyl Chloride	2.214	62	55620	31.590	ug/l	97
5) Bromomethane	2.611	94	34849	33.734	ug/l	99
6) Chloroethane	2.745	64	37288	34.554	ug/l	99
7) Trichlorofluoromethane	3.074	101	131649	39.923	ug/l	95
8) Diethyl Ether	3.470	74	49787	53.287	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	86984	45.272	ug/l	97
10) Methyl Iodide	4.019	142	105599	48.958	ug/l	99
11) Tert butyl alcohol	4.897	59	33477	290.216	ug/l	99
12) 1,1-Dichloroethene	3.805	96	85173	46.926	ug/l	97
13) Acrolein	3.665	56	15493	143.453	ug/l	97
14) Allyl chloride	4.397	41	159870	49.385	ug/l	94
15) Acrylonitrile	5.080	53	110325	283.399	ug/l	99
16) Acetone	3.891	43	110225	249.292	ug/l	98
17) Carbon Disulfide	4.122	76	240443	46.285	ug/l	99
18) Methyl Acetate	4.403	43	56154	59.754	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	245227	52.905	ug/l	98
20) Methylene Chloride	4.635	84	100127	53.234	ug/l	100
21) trans-1,2-Dichloroethene	5.135	96	95793	47.517	ug/l	96
22) Diisopropyl ether	6.037	45	345181	53.623	ug/l	98
23) Vinyl Acetate	5.976	43	888681	261.005	ug/l	100
24) 1,1-Dichloroethane	5.933	63	193921	50.038	ug/l	100
25) 2-Butanone	6.915	43	149925	268.527	ug/l	97
26) 2,2-Dichloropropane	6.902	77	149475	40.779	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	118244	50.231	ug/l	96
28) Bromochloromethane	7.262	49	90879	62.795	ug/l	98
29) Tetrahydrofuran	7.274	42	91029	285.791	ug/l	99
30) Chloroform	7.433	83	195730	49.210	ug/l	98
31) Cyclohexane	7.713	56	150726	43.020	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	168942	44.111	ug/l	98
36) 1,1-Dichloropropene	7.847	75	132391	43.620	ug/l	99
37) Ethyl Acetate	7.000	43	65683	54.625	ug/l	97
38) Carbon Tetrachloride	7.829	117	150731	41.611	ug/l	96
39) Methylcyclohexane	9.116	83	159917	42.461	ug/l	96
40) Benzene	8.091	78	420487	46.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	37064	54.222	ug/l	97
42) 1,2-Dichloroethane	8.171	62	113587	48.307	ug/l	99
43) Isopropyl Acetate	8.207	43	132133	54.419	ug/l	99
44) Trichloroethene	8.878	130	101168	45.860	ug/l	99
45) 1,2-Dichloropropane	9.152	63	102671	49.029	ug/l	97
46) Dibromomethane	9.244	93	52849	50.972	ug/l	97
47) Bromodichloromethane	9.433	83	147632	48.329	ug/l	99
48) Methyl methacrylate	9.231	41	60189	53.159	ug/l	96
49) 1,4-Dioxane	9.250	88	10884	1098.227	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	332790	277.534	ug/l	98
52) Toluene	10.176	92	258011	46.212	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	131715	48.028	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	159213	49.123	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	70410	50.908	ug/l	99
56) Ethyl methacrylate	10.445	69	103971	53.129	ug/l	95
57) 1,3-Dichloropropane	10.725	76	126510	51.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	274886	300.005	ug/l	99
59) 2-Hexanone	10.768	43	227536	263.035	ug/l	98
60) Dibromochloromethane	10.920	129	96261	49.990	ug/l	99
61) 1,2-Dibromoethane	11.024	107	64992	51.385	ug/l	98
64) Tetrachloroethene	10.652	164	103146	50.660	ug/l	95
65) Chlorobenzene	11.450	112	276391	45.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	98456	45.965	ug/l	99
67) Ethyl Benzene	11.524	91	500290	44.191	ug/l	99
68) m/p-Xylenes	11.639	106	366022	88.295	ug/l	100
69) o-Xylene	11.963	106	177060	45.591	ug/l	99
70) Styrene	11.975	104	299340	46.199	ug/l	100
71) Bromoform	12.139	173	54924	50.434	ug/l #	99
73) Isopropylbenzene	12.261	105	473074	41.460	ug/l	100
74) N-ethyl acetate	12.078	43	112851	50.461	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	80384	48.988	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	63105m	52.530	ug/l	
77) Bromobenzene	12.542	156	103580	43.835	ug/l	98
78) n-propylbenzene	12.603	91	563498	41.711	ug/l	99
79) 2-Chlorotoluene	12.688	91	324145	42.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	380462	41.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	26226	44.794	ug/l	95
82) 4-Chlorotoluene	12.786	91	327442	42.092	ug/l	100
83) tert-Butylbenzene	13.005	119	340523	41.191	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	378453	42.583	ug/l	99
85) sec-Butylbenzene	13.182	105	494218	41.715	ug/l	99
86) p-Isopropyltoluene	13.298	119	410415	41.920	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	203925	44.749	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	197878	44.355	ug/l	99
89) n-Butylbenzene	13.627	91	386090	42.519	ug/l	99
90) Hexachloroethane	13.889	117	82662	43.324	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	178211	46.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12303	49.527	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	104957	48.299	ug/l	98
94) Hexachlorobutadiene	15.035	225	66752	43.909	ug/l	99
95) Naphthalene	15.157	128	184537	52.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	87969	50.169	ug/l	98

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

