

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012756.D
 Acq On : 02 Mar 2023 13:25
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 03 01:01:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59806	48.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.716	113	56693	49.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.179	98	204743	48.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.483	95	69620	49.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57402	47.295	ug/l	100
3) Chloromethane	2.113	50	66541	45.859	ug/l	100
4) Vinyl Chloride	2.253	62	64656	48.594	ug/l	100
5) Bromomethane	2.650	94	38925	48.146	ug/l	100
6) Chloroethane	2.796	64	39259	49.268	ug/l	100
7) Trichlorofluoromethane	3.125	101	106349	48.124	ug/l	100
8) Diethyl Ether	3.528	74	38582	49.821	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	64504	48.516	ug/l	100
10) Methyl Iodide	4.088	142	90995	52.527	ug/l	100
11) Tert butyl alcohol	4.948	59	34616	245.865	ug/l	100
12) 1,1-Dichloroethene	3.875	96	62540	49.320	ug/l	100
13) Acrolein	3.729	56	52257	243.965	ug/l	100
14) Allyl chloride	4.479	41	117179	50.028	ug/l	100
15) Acrylonitrile	5.161	53	101912	249.760	ug/l	100
16) Acetone	3.942	43	128663	268.115	ug/l	100
17) Carbon Disulfide	4.192	76	211632	49.032	ug/l	100
18) Methyl Acetate	4.473	43	71847	50.275	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	168048	51.308	ug/l	100
20) Methylene Chloride	4.716	84	74528	51.002	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	68306	49.569	ug/l	100
22) Diisopropyl ether	6.119	45	216549	50.901	ug/l	100
23) Vinyl Acetate	6.058	43	687264	259.992	ug/l	100
24) 1,1-Dichloroethane	6.015	63	120590	49.743	ug/l	100
25) 2-Butanone	6.984	43	155223	261.155	ug/l	100
26) 2,2-Dichloropropane	6.984	77	104561	48.562	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	74811	50.638	ug/l	100
28) Bromochloromethane	7.332	49	44954	50.742	ug/l	100
29) Tetrahydrofuran	7.344	42	93054	259.581	ug/l	100
30) Chloroform	7.502	83	119604	49.948	ug/l	100
31) Cyclohexane	7.789	56	112780	48.166	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	107417	49.604	ug/l	100
36) 1,1-Dichloropropene	7.917	75	95285	49.675	ug/l	100
37) Ethyl Acetate	7.070	43	58369	48.280	ug/l	100
38) Carbon Tetrachloride	7.899	117	99151	50.056	ug/l	100
39) Methylcyclohexane	9.185	83	117213	51.399	ug/l	100
40) Benzene	8.161	78	271815	50.096	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32900m	51.905	ug/l	
42) 1,2-Dichloroethane	8.234	62	82183	50.379	ug/l	100
43) Isopropyl Acetate	8.271	43	110151	51.067	ug/l	100
44) Trichloroethene	8.941	130	71845	50.222	ug/l	100
45) 1,2-Dichloropropane	9.216	63	67382	49.138	ug/l	100
46) Dibromomethane	9.307	93	39538	50.611	ug/l	100
47) Bromodichloromethane	9.496	83	92062	50.007	ug/l	100
48) Methyl methacrylate	9.295	41	52660	52.984	ug/l	100
49) 1,4-Dioxane	9.295	88	10343	1024.141	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	305710	261.286	ug/l	100
52) Toluene	10.246	92	166020	50.735	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	98222	50.866	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	111167	50.863	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	54243	49.857	ug/l	100
56) Ethyl methacrylate	10.508	69	77344	53.316	ug/l	100
57) 1,3-Dichloropropane	10.788	76	93862	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	201849	265.051	ug/l	100
59) 2-Hexanone	10.831	43	227375	267.390	ug/l	100
60) Dibromochloromethane	10.984	129	66299	50.061	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52662	50.249	ug/l	100
64) Tetrachloroethene	10.721	164	61113	50.027	ug/l	100
65) Chlorobenzene	11.514	112	178237	50.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	65495	50.264	ug/l	100
67) Ethyl Benzene	11.593	91	318395	51.427	ug/l	100
68) m/p-Xylenes	11.703	106	246555	103.520	ug/l	100
69) o-Xylene	12.032	106	113569	51.092	ug/l	100
70) Styrene	12.044	104	194517	52.439	ug/l	100
71) Bromoform	12.209	173	42648	50.199	ug/l	100
73) Isopropylbenzene	12.331	105	305161	51.829	ug/l	100
74) N-amyl acetate	12.142	43	97492	52.626	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	67010	50.629	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	50375m	50.776	ug/l	
77) Bromobenzene	12.611	156	72444	50.648	ug/l	100
78) n-propylbenzene	12.672	91	377526	52.007	ug/l	100
79) 2-Chlorotoluene	12.758	91	207670	51.474	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	250018	51.454	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	24746	51.683	ug/l	100
82) 4-Chlorotoluene	12.855	91	214203	51.290	ug/l	100
83) tert-Butylbenzene	13.075	119	220046	52.468	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	247808	52.155	ug/l	100
85) sec-Butylbenzene	13.251	105	329485	51.497	ug/l	100
86) p-Isopropyltoluene	13.367	119	272143	52.044	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	140051	50.767	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	141979	50.427	ug/l	100
89) n-Butylbenzene	13.696	91	260002	51.939	ug/l	100
90) Hexachloroethane	13.959	117	54155	49.724	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	127218	51.015	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11203	52.374	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	79753	51.942	ug/l	100
94) Hexachlorobutadiene	15.111	225	46045	49.168	ug/l	100
95) Naphthalene	15.239	128	165635	53.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	70258	51.450	ug/l	100

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

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