

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013228.D
 Acq On : 10 Apr 2023 15:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 16:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 10 01:29:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	83679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55605	51.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.716	113	46318	51.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.179	98	170509	53.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	59814	54.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36528	45.770	ug/l	98
3) Chloromethane	2.113	50	40970	38.681	ug/l	97
4) Vinyl Chloride	2.253	62	43250	45.717	ug/l	98
5) Bromomethane	2.650	94	30219	52.168	ug/l	93
6) Chloroethane	2.790	64	31501	43.461	ug/l	98
7) Trichlorofluoromethane	3.125	101	70793	48.980	ug/l	98
8) Diethyl Ether	3.528	74	27179	50.773	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	42591	49.388	ug/l	96
10) Methyl Iodide	4.088	142	49653	51.036	ug/l	95
11) Tert butyl alcohol	4.948	59	44022	232.840	ug/l	99
12) 1,1-Dichloroethene	3.869	96	37906	48.291	ug/l	96
13) Acrolein	3.729	56	25267	256.422	ug/l	99
14) Allyl chloride	4.479	41	81284	50.450	ug/l	93
15) Acrylonitrile	5.155	53	95187	281.029	ug/l	99
16) Acetone	3.942	43	128541	328.838	ug/l	97
17) Carbon Disulfide	4.192	76	86383	37.732	ug/l	100
18) Methyl Acetate	4.473	43	70538	53.785	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	150392	56.583	ug/l	99
20) Methylene Chloride	4.710	84	51999	51.971	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	45106	48.735	ug/l	96
22) Diisopropyl ether	6.113	45	192073	57.354	ug/l	98
23) Vinyl Acetate	6.058	43	603484	286.571	ug/l	99
24) 1,1-Dichloroethane	6.015	63	92931	52.059	ug/l	98
25) 2-Butanone	6.978	43	164218	306.492	ug/l	93
26) 2,2-Dichloropropane	6.978	77	87404	52.976	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	54602	51.838	ug/l	94
28) Bromochloromethane	7.326	49	45196	54.817	ug/l	94
29) Tetrahydrofuran	7.344	42	93708	290.757	ug/l	97
30) Chloroform	7.503	83	97929	53.473	ug/l	100
31) Cyclohexane	7.783	56	69381	45.848	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	85255	52.369	ug/l	98
36) 1,1-Dichloropropene	7.917	75	67249	50.875	ug/l	98
37) Ethyl Acetate	7.070	43	61839	55.745	ug/l	97
38) Carbon Tetrachloride	7.899	117	77446	51.131	ug/l	98
39) Methylcyclohexane	9.179	83	72500	49.309	ug/l	94
40) Benzene	8.155	78	199435	51.047	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	86840	207.225	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	72545	53.405	ug/l	97
43) Isopropyl Acetate	8.271	43	109679	56.309	ug/l	96
44) Trichloroethene	8.935	130	50769	50.543	ug/l	91
45) 1,2-Dichloropropane	9.210	63	53994	52.756	ug/l	98
46) Dibromomethane	9.301	93	31676	50.841	ug/l	98
47) Bromodichloromethane	9.496	83	78019	53.595	ug/l	96
48) Methyl methacrylate	9.289	41	48808	57.141	ug/l	93
49) 1,4-Dioxane	9.301	88	10346	1240.005	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	322381	295.370	ug/l	97
52) Toluene	10.240	92	127101	53.514	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	84616	55.525	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	88756	54.163	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45889	54.541	ug/l	98
56) Ethyl methacrylate	10.508	69	69357	60.355	ug/l	93
57) 1,3-Dichloropropane	10.789	76	78893	54.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	140114	257.800	ug/l	99
59) 2-Hexanone	10.831	43	247138	314.125	ug/l	97
60) Dibromochloromethane	10.984	129	57591	55.170	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43710	53.762	ug/l	100
64) Tetrachloroethene	10.715	164	43910	50.462	ug/l	98
65) Chlorobenzene	11.514	112	139883	53.229	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	56302	54.838	ug/l	98
67) Ethyl Benzene	11.593	91	252246	55.734	ug/l	100
68) m/p-Xylenes	11.703	106	194292	112.245	ug/l	100
69) o-Xylene	12.026	106	92133	56.921	ug/l	99
70) Styrene	12.044	104	161695	58.282	ug/l	99
71) Bromoform	12.209	173	40405	56.565	ug/l #	99
73) Isopropylbenzene	12.331	105	251044	56.230	ug/l	99
74) N-amyl acetate	12.142	43	99256	60.153	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	63234	55.564	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	83803	100.597	ug/l #	100
77) Bromobenzene	12.605	156	60725	54.314	ug/l	97
78) n-propylbenzene	12.672	91	308207	56.276	ug/l	99
79) 2-Chlorotoluene	12.758	91	170025	54.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	209852	56.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	23467	57.827	ug/l	94
82) 4-Chlorotoluene	12.855	91	182051	55.970	ug/l	98
83) tert-Butylbenzene	13.075	119	187233	57.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	208647	57.792	ug/l	99
85) sec-Butylbenzene	13.251	105	276801	57.764	ug/l	100
86) p-Isopropyltoluene	13.367	119	230055	57.811	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	119718	54.324	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	119652	53.383	ug/l	99
89) n-Butylbenzene	13.697	91	217961	57.799	ug/l	99
90) Hexachloroethane	13.959	117	45930	54.307	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	110817	54.786	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11494	54.303	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	67159	55.473	ug/l	99
94) Hexachlorobutadiene	15.111	225	37255	51.334	ug/l	98
95) Naphthalene	15.233	128	152468	57.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61218	54.383	ug/l	100

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

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 Data File : VY013228.D
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 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050

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