

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012034.D
 Acq On : 29 Dec 2022 17:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 30 04:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105202	55.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.716	113	93460	53.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.179	98	353838	49.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.483	95	130608	54.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	75542	50.003	ug/l	96
3) Chloromethane	2.113	50	72765	43.163	ug/l	96
4) Vinyl Chloride	2.253	62	84182	45.281	ug/l	98
5) Bromomethane	2.650	94	60097	45.437	ug/l	98
6) Chloroethane	2.796	64	56381	46.396	ug/l	100
7) Trichlorofluoromethane	3.131	101	161649	49.670	ug/l	99
8) Diethyl Ether	3.534	74	53887	53.663	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	88261	49.265	ug/l	96
10) Methyl Iodide	4.095	142	118120	47.653	ug/l	96
11) Tert butyl alcohol	4.954	59	52427	285.369	ug/l	100
12) 1,1-Dichloroethene	3.875	96	84721	47.275	ug/l	95
13) Acrolein	3.735	56	37688	211.270	ug/l	100
14) Allyl chloride	4.479	41	121831	46.165	ug/l	93
15) Acrylonitrile	5.161	53	138702	296.934	ug/l	99
16) Acetone	3.948	43	126499	222.575	ug/l	97
17) Carbon Disulfide	4.198	76	227395	39.779	ug/l	98
18) Methyl Acetate	4.479	43	73903	56.045	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	274870	59.779	ug/l	98
20) Methylene Chloride	4.716	84	105775	47.923	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	97852	48.055	ug/l	92
22) Diisopropyl ether	6.119	45	267523	51.470	ug/l	95
23) Vinyl Acetate	6.058	43	836424	279.703	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165039	48.849	ug/l	99
25) 2-Butanone	6.984	43	170505	268.227	ug/l	96
26) 2,2-Dichloropropane	6.984	77	164941	49.891	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	112787	51.212	ug/l	96
28) Bromochloromethane	7.332	49	43165	46.558	ug/l	85
29) Tetrahydrofuran	7.344	42	106134	294.687	ug/l	90
30) Chloroform	7.509	83	191682	52.637	ug/l	99
31) Cyclohexane	7.783	56	135927	42.311	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	177941	51.374	ug/l	99
36) 1,1-Dichloropropene	7.917	75	130452	46.348	ug/l	98
37) Ethyl Acetate	7.070	43	72833	57.676	ug/l	# 95
38) Carbon Tetrachloride	7.899	117	164907	50.730	ug/l	99
39) Methylcyclohexane	9.185	83	156903	46.328	ug/l	96
40) Benzene	8.161	78	390613	48.494	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	31545m	51.659	ug/l	
42) 1,2-Dichloroethane	8.240	62	127841	55.132	ug/l	100
43) Isopropyl Acetate	8.271	43	134359	58.258	ug/l	97
44) Trichloroethene	8.941	130	114488	50.427	ug/l	98
45) 1,2-Dichloropropane	9.216	63	91543	49.188	ug/l	99
46) Dibromomethane	9.307	93	59295	55.312	ug/l	99
47) Bromodichloromethane	9.496	83	147936	54.395	ug/l	99
48) Methyl methacrylate	9.295	41	61293	57.399	ug/l	94
49) 1,4-Dioxane	9.295	88	17105	1336.418	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	373059	303.359	ug/l	97
52) Toluene	10.246	92	261588	50.973	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	154529	56.231	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	165043	53.429	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	85357	56.110	ug/l	98
56) Ethyl methacrylate	10.508	69	118810	61.685	ug/l	96
57) 1,3-Dichloropropane	10.788	76	142404	56.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	206860	278.327	ug/l	93
59) 2-Hexanone	10.831	43	268152	296.397	ug/l	97
60) Dibromochloromethane	10.984	129	110871	57.854	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80418	56.503	ug/l	100
64) Tetrachloroethene	10.721	164	122926	51.487	ug/l	97
65) Chlorobenzene	11.514	112	283423	50.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	111212	52.777	ug/l	98
67) Ethyl Benzene	11.593	91	511808	49.994	ug/l	99
68) m/p-Xylenes	11.703	106	403230	101.278	ug/l	99
69) o-Xylene	12.026	106	192862	52.062	ug/l	99
70) Styrene	12.044	104	332767	53.499	ug/l	100
71) Bromoform	12.209	173	74154	59.389	ug/l	98
73) Isopropylbenzene	12.331	105	520802	48.647	ug/l	99
74) N-amyl acetate	12.142	43	122224	55.688	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	94047	52.659	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	76794m	42.778	ug/l	
77) Bromobenzene	12.605	156	124666	50.334	ug/l	97
78) n-propylbenzene	12.672	91	616783	47.930	ug/l	99
79) 2-Chlorotoluene	12.758	91	349397	48.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	450245	49.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35824	54.648	ug/l	99
82) 4-Chlorotoluene	12.855	91	365070	48.778	ug/l	99
83) tert-Butylbenzene	13.075	119	386624	49.771	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	450344	49.943	ug/l	99
85) sec-Butylbenzene	13.251	105	562126	48.461	ug/l	98
86) p-Isopropyltoluene	13.367	119	488693	49.930	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	244654	49.117	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	245124	49.502	ug/l	100
89) n-Butylbenzene	13.696	91	432380	48.800	ug/l	99
90) Hexachloroethane	13.959	117	90044	48.216	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	224003	51.584	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18763	61.132	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	148620	58.181	ug/l	98
94) Hexachlorobutadiene	15.111	225	86597	52.464	ug/l	98
95) Naphthalene	15.233	128	320773	59.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132054	61.144	ug/l	99

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

