

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011085.D
 Acq On : 25 Oct 2022 09:45
 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: Oct 26 08:36:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91246	43.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.580%
35) Dibromofluoromethane	7.716	113	96304	47.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.179	98	333401	44.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.120%
62) 4-Bromofluorobenzene	12.477	95	128000	47.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	73376	48.349	ug/l	100
3) Chloromethane	2.113	50	96838	44.476	ug/l	94
4) Vinyl Chloride	2.247	62	115202	46.682	ug/l	100
5) Bromomethane	2.644	94	75749	44.379	ug/l	98
6) Chloroethane	2.790	64	79293	48.082	ug/l	99
7) Trichlorofluoromethane	3.125	101	186118	51.526	ug/l	97
8) Diethyl Ether	3.528	74	66456	49.302	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	119765	52.860	ug/l	94
10) Methyl Iodide	4.082	142	138710	50.032	ug/l	91
11) Tert butyl alcohol	4.948	59	56777	238.287	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	106732	49.176	ug/l	84
13) Acrolein	3.723	56	60306	177.494	ug/l	98
14) Allyl chloride	4.473	41	173624	50.444	ug/l #	86
15) Acrylonitrile	5.155	53	183585	261.288	ug/l	98
16) Acetone	3.942	43	167418	273.545	ug/l #	86
17) Carbon Disulfide	4.192	76	265189	41.677	ug/l	100
18) Methyl Acetate	4.473	43	87110	50.630	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	319051	52.612	ug/l	96
20) Methylene Chloride	4.710	84	137118	51.613	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	121401	49.546	ug/l	89
22) Diisopropyl ether	6.113	45	403401	54.725	ug/l #	92
23) Vinyl Acetate	6.052	43	1207601	273.956	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	238595	53.609	ug/l	99
25) 2-Butanone	6.978	43	241568	260.266	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	209550	53.021	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	148551	52.604	ug/l	89
28) Bromochloromethane	7.326	49	87893	55.327	ug/l	89
29) Tetrahydrofuran	7.344	42	146998	257.418	ug/l #	86
30) Chloroform	7.503	83	246994	55.054	ug/l	99
31) Cyclohexane	7.783	56	183386	45.471	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	211837	53.717	ug/l	96
36) 1,1-Dichloropropene	7.911	75	175750	52.089	ug/l	98
37) Ethyl Acetate	7.070	43	98187	52.562	ug/l #	92
38) Carbon Tetrachloride	7.899	117	189349	54.366	ug/l	99
39) Methylcyclohexane	9.179	83	202275	50.054	ug/l	91
40) Benzene	8.155	78	523342	52.864	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	49942m	49.336	ug/l	
42) 1,2-Dichloroethane	8.234	62	146791	53.514	ug/l	90
43) Isopropyl Acetate	8.271	43	177240	53.105	ug/l #	89
44) Trichloroethene	8.935	130	139404	51.963	ug/l	95
45) 1,2-Dichloropropane	9.216	63	137993	54.938	ug/l	95
46) Dibromomethane	9.301	93	75947	54.211	ug/l	96
47) Bromodichloromethane	9.496	83	191444	56.707	ug/l	98
48) Methyl methacrylate	9.289	41	80551	53.928	ug/l #	78
49) 1,4-Dioxane	9.295	88	22206	1103.211	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	510657	274.352	ug/l #	88
52) Toluene	10.240	92	334176	54.336	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	192173	54.794	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	220436	54.924	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	111682	55.260	ug/l	99
56) Ethyl methacrylate	10.508	69	149350	55.639	ug/l #	76
57) 1,3-Dichloropropane	10.789	76	191628	55.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	364766	272.979	ug/l	98
59) 2-Hexanone	10.831	43	358635	280.498	ug/l	84
60) Dibromochloromethane	10.984	129	134422	55.934	ug/l	100
61) 1,2-Dibromoethane	11.087	107	103758	53.610	ug/l	100
64) Tetrachloroethene	10.715	164	135767	53.211	ug/l	97
65) Chlorobenzene	11.514	112	361503	53.721	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	139198	55.887	ug/l	97
67) Ethyl Benzene	11.593	91	653040	54.855	ug/l	99
68) m/p-Xylenes	11.697	106	498534	108.860	ug/l	95
69) o-Xylene	12.026	106	239816	55.148	ug/l	94
70) Styrene	12.044	104	416277	56.495	ug/l	95
71) Bromoform	12.209	173	86323	56.157	ug/l #	99
73) Isopropylbenzene	12.331	105	650680	53.500	ug/l	99
74) N-amyl acetate	12.142	43	160434	51.991	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	133482	52.295	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	97341m	51.217	ug/l	
77) Bromobenzene	12.605	156	146545	51.547	ug/l	99
78) n-propylbenzene	12.672	91	797827	53.916	ug/l	99
79) 2-Chlorotoluene	12.758	91	442023	53.042	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	542916	53.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	46095	52.162	ug/l #	85
82) 4-Chlorotoluene	12.855	91	456191	52.576	ug/l	100
83) tert-Butylbenzene	13.075	119	479725	54.669	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	541559	54.121	ug/l	99
85) sec-Butylbenzene	13.252	105	716506	54.338	ug/l	99
86) p-Isopropyltoluene	13.367	119	597235	54.597	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	298190	52.556	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	291703	51.708	ug/l	99
89) n-Butylbenzene	13.697	91	559477	54.732	ug/l	99
90) Hexachloroethane	13.959	117	116711	54.062	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	270475	53.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21376	50.651	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	163769	53.980	ug/l	100
94) Hexachlorobutadiene	15.111	225	95890	53.696	ug/l	98
95) Naphthalene	15.233	128	337440	54.615	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	141642	53.515	ug/l	98

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

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