

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009562.D
 Acq On : 14 Jul 2022 11:54
 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: Jul 14 12:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55852	47.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.710	113	59542	43.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.360%
50) Toluene-d8	10.173	98	179200	47.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.477	95	98118	50.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	101.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	121762	95.981	ug/l	100
3) Chloromethane	2.107	50	66046	46.620	ug/l	96
4) Vinyl Chloride	2.241	62	78239	48.507	ug/l	100
5) Bromomethane	2.631	94	56991	49.182	ug/l	98
6) Chloroethane	2.784	64	49522	52.588	ug/l	99
7) Trichlorofluoromethane	3.113	101	114157	53.011	ug/l	92
8) Diethyl Ether	3.515	74	39640	48.114	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	69378	47.550	ug/l	97
10) Methyl Iodide	4.076	142	88789	45.680	ug/l	91
11) Tert butyl alcohol	4.942	59	39654	178.451	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	66153	48.883	ug/l	84
13) Acrolein	3.717	56	25865	203.974	ug/l	95
14) Allyl chloride	4.466	41	115234	45.059	ug/l	97
15) Acrylonitrile	5.149	53	110284	243.273	ug/l	98
16) Acetone	3.942	43	99463	209.699	ug/l	95
17) Carbon Disulfide	4.180	76	189994	42.933	ug/l	99
18) Methyl Acetate	4.466	43	51570	43.645	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	201524	49.201	ug/l	99
20) Methylene Chloride	4.704	84	83085	42.937	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	78804	49.698	ug/l	86
22) Diisopropyl ether	6.106	45	277042	54.901	ug/l	96
23) Vinyl Acetate	6.045	43	892562	259.462	ug/l	96
24) 1,1-Dichloroethane	6.003	63	140517	50.337	ug/l	99
25) 2-Butanone	6.978	43	165215	253.787	ug/l	94
26) 2,2-Dichloropropane	6.972	77	134604	48.924	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	91648	49.094	ug/l	91
28) Bromochloromethane	7.320	49	59834	50.997	ug/l	90
29) Tetrahydrofuran	7.338	42	106888	253.853	ug/l	93
30) Chloroform	7.496	83	147819	48.383	ug/l	100
31) Cyclohexane	7.771	56	128866	47.481	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	133701	49.637	ug/l	96
36) 1,1-Dichloropropene	7.911	75	115377	51.984	ug/l	98
37) Ethyl Acetate	7.064	43	69328	49.832	ug/l	95
38) Carbon Tetrachloride	7.893	117	121604	51.230	ug/l	98
39) Methylcyclohexane	9.179	83	138668	52.050	ug/l	91
40) Benzene	8.155	78	332498	51.017	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	33620m	21.213	ug/l	
42) 1,2-Dichloroethane	8.228	62	99366	50.784	ug/l	93
43) Isopropyl Acetate	8.265	43	134383	51.769	ug/l	95
44) Trichloroethene	8.935	130	93076	50.554	ug/l	95
45) 1,2-Dichloropropane	9.209	63	85257	51.691	ug/l	95
46) Dibromomethane	9.301	93	50418	52.082	ug/l	99
47) Bromodichloromethane	9.490	83	117576	51.029	ug/l	99
48) Methyl methacrylate	9.289	41	60053	53.695	ug/l	93
49) 1,4-Dioxane	9.289	88	14675	1029.386	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	371432	272.087	ug/l	95
52) Toluene	10.240	92	226695	54.585	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	128329	52.852	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	141331	52.200	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	71109	50.918	ug/l	97
56) Ethyl methacrylate	10.508	69	102427	55.243	ug/l	88
57) 1,3-Dichloropropane	10.788	76	119908	52.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	230670	254.675	ug/l	97
59) 2-Hexanone	10.825	43	270437	285.893	ug/l	93
60) Dibromochloromethane	10.984	129	87953	52.008	ug/l	99
61) 1,2-Dibromoethane	11.087	107	68593	51.234	ug/l	100
64) Tetrachloroethene	10.715	164	90720	44.398	ug/l	98
65) Chlorobenzene	11.514	112	246870	51.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	92956	51.484	ug/l	98
67) Ethyl Benzene	11.587	91	436171	52.052	ug/l	98
68) m/p-Xylenes	11.697	106	357111	109.273	ug/l	91
69) o-Xylene	12.026	106	167548	53.487	ug/l	92
70) Styrene	12.044	104	291183	55.653	ug/l	95
71) Bromoform	12.203	173	61042	53.044	ug/l #	100
73) Isopropylbenzene	12.325	105	450541	49.971	ug/l	99
74) N-amyl acetate	12.142	43	137997	53.795	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	91354	50.605	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66508m	26.688	ug/l	
77) Bromobenzene	12.605	156	107469	48.963	ug/l	95
78) n-propylbenzene	12.666	91	556308	51.073	ug/l	98
79) 2-Chlorotoluene	12.752	91	314490	51.571	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	382567	50.764	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	34112	50.027	ug/l	88
82) 4-Chlorotoluene	12.849	91	324683	50.804	ug/l	96
83) tert-Butylbenzene	13.075	119	344448	51.375	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	388338	51.771	ug/l	98
85) sec-Butylbenzene	13.251	105	516397	52.297	ug/l	99
86) p-Isopropyltoluene	13.367	119	428590	52.072	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	219017	50.551	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	218867	49.912	ug/l	99
89) n-Butylbenzene	13.696	91	398399	51.834	ug/l	98
90) Hexachloroethane	13.959	117	81017	50.167	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	199403	50.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14206	44.897	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	104605	43.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	58855	44.217	ug/l	98
95) Naphthalene	15.233	128	205958	41.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90427	43.124	ug/l	99

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

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