

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006388.D
 Acq On : 14 Oct 2021 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 15 00:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	205220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79704	50.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.722	113	61293	52.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.185	98	250497	51.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.483	95	88009	53.464	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	61775	41.073	ug/l	99
3) Chloromethane	2.119	50	81393	46.462	ug/l	98
4) Vinyl Chloride	2.259	62	98120	50.538	ug/l	100
5) Bromomethane	2.655	94	65350	51.791	ug/l	98
6) Chloroethane	2.802	64	58232	50.974	ug/l	98
7) Trichlorofluoromethane	3.131	101	128173	50.120	ug/l	97
8) Diethyl Ether	3.539	74	40449	47.887	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	67708	49.596	ug/l	98
10) Methyl Iodide	4.100	142	63533	42.703	ug/l	96
11) Tert butyl alcohol	4.966	59	31581	227.492	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	66407	47.818	ug/l	95
13) Acrolein	3.734	56	21420	220.090	ug/l	97
14) Allyl chloride	4.490	41	130420	48.834	ug/l	97
15) Acrylonitrile	5.173	53	109176	245.744	ug/l	100
16) Acetone	3.954	43	133543	301.282	ug/l	95
17) Carbon Disulfide	4.204	76	205811	44.311	ug/l	98
18) Methyl Acetate	4.478	43	71905	48.109	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	200981	49.556	ug/l	98
20) Methylene Chloride	4.722	84	83520	55.039	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	74074	48.110	ug/l	96
22) Diisopropyl ether	6.124	45	263326	49.839	ug/l	94
23) Vinyl Acetate	6.063	43	778189	245.722	ug/l	98
24) 1,1-Dichloroethane	6.021	63	139329	49.120	ug/l	97
25) 2-Butanone	6.990	43	158461	256.643	ug/l	94
26) 2,2-Dichloropropane	6.984	77	135674	52.306	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	85501	49.584	ug/l	97
28) Bromochloromethane	7.337	49	58786	49.775	ug/l	95
29) Tetrahydrofuran	7.350	42	92752	237.823	ug/l	95
30) Chloroform	7.508	83	143457	50.700	ug/l	99
31) Cyclohexane	7.789	56	136322	45.340	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	136411	52.212	ug/l	98
36) 1,1-Dichloropropene	7.923	75	111205	51.575	ug/l	98
37) Ethyl Acetate	7.075	43	63428	50.496	ug/l	99
38) Carbon Tetrachloride	7.904	117	124591	54.722	ug/l	98
39) Methylcyclohexane	9.185	83	137673	50.833	ug/l	98
40) Benzene	8.167	78	316488	51.737	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	35893m	44.052	ug/l	
42) 1,2-Dichloroethane	8.240	62	105821	53.689	ug/l	98
43) Isopropyl Acetate	8.276	43	122716	50.938	ug/l	97
44) Trichloroethene	8.941	130	85579	54.167	ug/l	96
45) 1,2-Dichloropropane	9.221	63	77733	51.616	ug/l	94
46) Dibromomethane	9.307	93	41312	51.518	ug/l	95
47) Bromodichloromethane	9.502	83	111605	54.053	ug/l	98
48) Methyl methacrylate	9.294	41	58085	50.257	ug/l	95
49) 1,4-Dioxane	9.301	88	10327	987.067	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	329973	263.785	ug/l	98
52) Toluene	10.245	92	203492	53.630	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	117746	52.303	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	129743	52.424	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	60769	53.857	ug/l	97
56) Ethyl methacrylate	10.514	69	89139	51.975	ug/l	94
57) 1,3-Dichloropropane	10.794	76	105939	51.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	209416	249.209	ug/l	98
59) 2-Hexanone	10.837	43	251079	281.814	ug/l	97
60) Dibromochloromethane	10.989	129	74302	54.201	ug/l	100
61) 1,2-Dibromoethane	11.093	107	56541	52.923	ug/l	98
64) Tetrachloroethene	10.721	164	98069	59.337	ug/l	97
65) Chlorobenzene	11.520	112	214197	52.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	80595	53.785	ug/l	99
67) Ethyl Benzene	11.593	91	402810	52.555	ug/l	98
68) m/p-Xylenes	11.703	106	312756	107.531	ug/l	98
69) o-Xylene	12.032	106	148092	53.911	ug/l	95
70) Styrene	12.044	104	252687	54.167	ug/l	99
71) Bromoform	12.209	173	49184	52.779	ug/l #	100
73) Isopropylbenzene	12.330	105	397577	52.067	ug/l	100
74) N-amyl acetate	12.148	43	118337	49.930	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	65191	47.272	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	50944m	49.169	ug/l	
77) Bromobenzene	12.611	156	93308	52.118	ug/l	94
78) n-propylbenzene	12.672	91	492380	52.384	ug/l	99
79) 2-Chlorotoluene	12.757	91	267597	51.449	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	337029	52.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	26218	49.727	ug/l	96
82) 4-Chlorotoluene	12.855	91	281161	52.266	ug/l	100
83) tert-Butylbenzene	13.074	119	295840	54.196	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	333899	52.960	ug/l	98
85) sec-Butylbenzene	13.257	105	437329	53.013	ug/l	99
86) p-Isopropyltoluene	13.373	119	375389	53.925	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	188554	53.157	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	186522	53.330	ug/l	98
89) n-Butylbenzene	13.696	91	349056	52.771	ug/l	100
90) Hexachloroethane	13.964	117	66558	52.649	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	164836	53.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12981	49.408	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	108659	53.014	ug/l	98
94) Hexachlorobutadiene	15.110	225	71518	53.486	ug/l	98
95) Naphthalene	15.238	128	206824	50.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	95386	52.508	ug/l	99

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

