

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006014.D
 Acq On : 14 Sep 2021 17:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:41:20 PM

Quant Time: Sep 15 05:15:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85067	48.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.728	113	59928	47.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.280%		
50) Toluene-d8	10.185	98	257391	48.004	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.000%		
62) 4-Bromofluorobenzene	12.483	95	87068	47.828	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60148	44.844	ug/l	99
3) Chloromethane	2.119	50	77564	46.505	ug/l	96
4) Vinyl Chloride	2.259	62	88502	46.996	ug/l	98
5) Bromomethane	2.656	94	63598	52.055	ug/l	98
6) Chloroethane	2.802	64	55857	49.460	ug/l	95
7) Trichlorofluoromethane	3.131	101	119125	48.525	ug/l	91
8) Diethyl Ether	3.534	74	41236	51.096	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	58967	48.111	ug/l	98
10) Methyl Iodide	4.101	142	56806	43.781	ug/l	99
11) Tert butyl alcohol	4.954	59	59967	222.053	ug/l	98
12) 1,1-Dichloroethene	3.875	96	62507	49.306	ug/l	99
13) Acrolein	3.735	56	22727	214.459	ug/l	99
14) Allyl chloride	4.491	41	134886	49.845	ug/l	99
15) Acrylonitrile	5.174	53	113440	246.774	ug/l	100
16) Acetone	3.954	43	98988	204.633	ug/l	99
17) Carbon Disulfide	4.204	76	209054	49.377	ug/l	100
18) Methyl Acetate	4.485	43	57638	47.301	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	207534	50.778	ug/l	99
20) Methylene Chloride	4.722	84	79637	53.050	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	71521	50.312	ug/l	99
22) Diisopropyl ether	6.131	45	269710	51.290	ug/l	95
23) Vinyl Acetate	6.070	43	835677	251.855	ug/l	100
24) 1,1-Dichloroethane	6.027	63	138728	51.492	ug/l	97
25) 2-Butanone	6.996	43	153548	230.302	ug/l	96
26) 2,2-Dichloropropane	6.990	77	121051	47.429	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	82123	51.781	ug/l	99
28) Bromochloromethane	7.344	49	61189	51.702	ug/l	99
29) Tetrahydrofuran	7.356	42	99621	237.739	ug/l	99
30) Chloroform	7.515	83	140078	51.855	ug/l	99
31) Cyclohexane	7.789	56	131477	46.536	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	129015	50.867	ug/l	99
36) 1,1-Dichloropropene	7.923	75	105572	48.290	ug/l	99
37) Ethyl Acetate	7.082	43	67661	44.801	ug/l	98
38) Carbon Tetrachloride	7.905	117	116695	49.032	ug/l	98
39) Methylcyclohexane	9.185	83	130769	48.261	ug/l	99
40) Benzene	8.167	78	310034	49.454	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35809m	40.597	ug/l	
42) 1,2-Dichloroethane	8.240	62	110653	49.911	ug/l	99
43) Isopropyl Acetate	8.277	43	132769	47.197	ug/l	99
44) Trichloroethene	8.941	130	76715	49.105	ug/l	95
45) 1,2-Dichloropropane	9.222	63	77253	49.813	ug/l	96
46) Dibromomethane	9.307	93	41298	49.197	ug/l	99
47) Bromodichloromethane	9.502	83	109437	50.650	ug/l	98
48) Methyl methacrylate	9.295	41	61800	47.543	ug/l	98
49) 1,4-Dioxane	9.301	88	11307	976.037	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	346233	230.871	ug/l	100
52) Toluene	10.246	92	194775	50.418	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	117859	49.658	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	126786	49.530	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	57172	49.564	ug/l	97
56) Ethyl methacrylate	10.514	69	89095	48.316	ug/l	100
57) 1,3-Dichloropropane	10.788	76	104759	49.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	220264	228.170	ug/l	99
59) 2-Hexanone	10.837	43	238683	230.539	ug/l	100
60) Dibromochloromethane	10.983	129	72353	50.875	ug/l	99
61) 1,2-Dibromoethane	11.093	107	53338	48.955	ug/l	100
64) Tetrachloroethene	10.721	164	75923	49.325	ug/l	99
65) Chlorobenzene	11.520	112	200426	49.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	74831	49.859	ug/l	99
67) Ethyl Benzene	11.593	91	381316	49.818	ug/l	100
68) m/p-Xylenes	11.703	106	288887	99.534	ug/l	100
69) o-Xylene	12.032	106	139231	50.791	ug/l	98
70) Styrene	12.044	104	239108	50.917	ug/l	100
71) Bromoform	12.209	173	47026	50.041	ug/l #	98
73) Isopropylbenzene	12.331	105	363456	49.471	ug/l	99
74) N-amyl acetate	12.142	43	118165	46.577	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	63380	46.367	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	44462m	44.449	ug/l	
77) Bromobenzene	12.611	156	85577	49.921	ug/l	98
78) n-propylbenzene	12.672	91	448496	49.340	ug/l	100
79) 2-Chlorotoluene	12.758	91	247973	50.174	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	308264	50.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24428	44.898	ug/l	96
82) 4-Chlorotoluene	12.855	91	259687	50.834	ug/l	99
83) tert-Butylbenzene	13.075	119	262587	50.388	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	304751	50.414	ug/l	100
85) sec-Butylbenzene	13.251	105	390062	50.001	ug/l	100
86) p-Isopropyltoluene	13.367	119	328212	49.281	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	168028	50.824	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	165386	49.873	ug/l	99
89) n-Butylbenzene	13.696	91	305097	48.988	ug/l	100
90) Hexachloroethane	13.959	117	60149	50.185	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	145900	50.272	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12237	45.124	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	86959	46.140	ug/l	99
94) Hexachlorobutadiene	15.111	225	56664	46.469	ug/l	99
95) Naphthalene	15.233	128	170597	45.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	75314	46.114	ug/l	99

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

