

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005827.D
 Acq On : 24 Aug 2021 17:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:52:32 PM

Quant Time: Aug 25 04:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	182685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100717	54.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.920%	
35) Dibromofluoromethane	7.728	113	82038	53.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.185	98	325781	50.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	114392	53.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	70605	47.056	ug/l	99
3) Chloromethane	2.113	50	89961	50.193	ug/l	97
4) Vinyl Chloride	2.260	62	115746	53.915	ug/l	99
5) Bromomethane	2.656	94	87155	61.677	ug/l	99
6) Chloroethane	2.802	64	79258	61.163	ug/l	97
7) Trichlorofluoromethane	3.131	101	162119	56.402	ug/l	100
8) Diethyl Ether	3.540	74	53144	52.937	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	80959	51.927	ug/l	99
10) Methyl Iodide	4.095	142	85773	44.158	ug/l	99
11) Tert butyl alcohol	4.973	59	47944	262.263	ug/l	96
12) 1,1-Dichloroethene	3.881	96	78586	49.915	ug/l	96
13) Acrolein	3.735	56	24727	224.187	ug/l	98
14) Allyl chloride	4.491	41	147554	53.510	ug/l	99
15) Acrylonitrile	5.174	53	146971	285.660	ug/l	99
16) Acetone	3.954	43	120237	257.889	ug/l	99
17) Carbon Disulfide	4.204	76	212830	43.854	ug/l	98
18) Methyl Acetate	4.485	43	68560	56.225	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	275976	56.584	ug/l	99
20) Methylene Chloride	4.723	84	114553	63.642	ug/l	95
21) trans-1,2-Dichloroethene	5.229	96	91262	51.848	ug/l	98
22) Diisopropyl ether	6.131	45	323084	56.793	ug/l	99
23) Vinyl Acetate	6.070	43	1092023	288.448	ug/l	99
24) 1,1-Dichloroethane	6.027	63	177913	56.433	ug/l	100
25) 2-Butanone	6.997	43	195318	283.403	ug/l	99
26) 2,2-Dichloropropane	6.990	77	152225	52.849	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	110470	55.181	ug/l	98
28) Bromochloromethane	7.338	49	69701	55.393	ug/l	97
29) Tetrahydrofuran	7.356	42	129942	285.060	ug/l	99
30) Chloroform	7.515	83	183044	56.885	ug/l	98
31) Cyclohexane	7.789	56	148924	46.951	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	164469	55.602	ug/l	100
36) 1,1-Dichloropropene	7.923	75	132124	51.618	ug/l	99
37) Ethyl Acetate	7.082	43	88845	57.295	ug/l	99
38) Carbon Tetrachloride	7.905	117	149340	53.682	ug/l	97
39) Methylcyclohexane	9.185	83	159999	49.132	ug/l	99
40) Benzene	8.167	78	388892	53.056	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	42074m	50.007	ug/l	
42) 1,2-Dichloroethane	8.246	62	134365	56.513	ug/l	99
43) Isopropyl Acetate	8.277	43	167482	57.048	ug/l	99
44) Trichloroethene	8.947	130	105726	52.849	ug/l	100
45) 1,2-Dichloropropane	9.222	63	101482	55.341	ug/l	98
46) Dibromomethane	9.313	93	58045	57.247	ug/l	96
47) Bromodichloromethane	9.502	83	143759	56.651	ug/l	99
48) Methyl methacrylate	9.301	41	76312	57.517	ug/l	98
49) 1,4-Dioxane	9.307	88	15484	1098.808	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	467418	302.326	ug/l	99
52) Toluene	10.246	92	251715	53.857	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	157844	55.658	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	169877	55.195	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	83379	56.834	ug/l	97
56) Ethyl methacrylate	10.514	69	127557	58.066	ug/l	97
57) 1,3-Dichloropropane	10.795	76	148856	57.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	324997	309.623	ug/l	99
59) 2-Hexanone	10.837	43	324702	297.140	ug/l	100
60) Dibromochloromethane	10.990	129	104292	57.443	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77847	56.017	ug/l	99
64) Tetrachloroethene	10.721	164	109161	56.229	ug/l	99
65) Chlorobenzene	11.520	112	279143	54.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	109402	56.636	ug/l	99
67) Ethyl Benzene	11.593	91	496052	53.302	ug/l	98
68) m/p-Xylenes	11.703	106	388483	107.474	ug/l	100
69) o-Xylene	12.032	106	186499	53.681	ug/l	100
70) Styrene	12.044	104	326266	55.792	ug/l	99
71) Bromoform	12.209	173	71628	57.179	ug/l #	99
73) Isopropylbenzene	12.331	105	496010	51.401	ug/l	100
74) N-amyl acetate	12.148	43	159801	55.012	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	99698	53.716	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	70759m	49.392	ug/l	
77) Bromobenzene	12.611	156	123499	52.091	ug/l	97
78) n-propylbenzene	12.672	91	595353	51.946	ug/l	100
79) 2-Chlorotoluene	12.758	91	333789	51.865	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	418881	52.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36856	51.861	ug/l	99
82) 4-Chlorotoluene	12.855	91	344528	51.739	ug/l	99
83) tert-Butylbenzene	13.075	119	368144	51.230	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	413161	52.285	ug/l	99
85) sec-Butylbenzene	13.252	105	542468	52.337	ug/l	99
86) p-Isopropyltoluene	13.367	119	464760	52.227	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	243095	52.549	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	239739	52.240	ug/l	99
89) n-Butylbenzene	13.697	91	421813	52.321	ug/l	100
90) Hexachloroethane	13.959	117	86357	53.976	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	219294	53.668	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19239	54.680	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	153044	54.524	ug/l	100
94) Hexachlorobutadiene	15.111	225	96488	53.090	ug/l	100
95) Naphthalene	15.233	128	308679	55.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	137899	55.454	ug/l	99

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

