

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005847.D
 Acq On : 25 Aug 2021 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/26/2021 5:50:29 PM

Quant Time: Aug 26 03:38:53 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	7.801	168	168609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	258662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96334	56.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.880%	
35) Dibromofluoromethane	7.728	113	79403	54.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.660%	
50) Toluene-d8	10.185	98	311569	51.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.483	95	108596	53.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	62778	45.332	ug/l	99
3) Chloromethane	2.119	50	81826	49.465	ug/l	99
4) Vinyl Chloride	2.260	62	106281	53.639	ug/l	98
5) Bromomethane	2.650	94	82932	63.588	ug/l	99
6) Chloroethane	2.802	64	74537	62.321	ug/l	95
7) Trichlorofluoromethane	3.131	101	148842	56.106	ug/l	100
8) Diethyl Ether	3.534	74	58796	63.456	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	85009	59.076	ug/l	99
10) Methyl Iodide	4.101	142	82891	46.237	ug/l	99
11) Tert butyl alcohol	4.966	59	57345	339.876	ug/l	100
12) 1,1-Dichloroethene	3.881	96	84033	57.831	ug/l	97
13) Acrolein	3.735	56	26648	261.774	ug/l	99
14) Allyl chloride	4.491	41	156147	61.354	ug/l	99
15) Acrylonitrile	5.174	53	168098	353.999	ug/l	99
16) Acetone	3.954	43	134444	312.434	ug/l	100
17) Carbon Disulfide	4.204	76	226076	50.472	ug/l	100
18) Methyl Acetate	4.491	43	78905	70.111	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	276291	61.378	ug/l	99
20) Methylene Chloride	4.729	84	117155	71.268	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	89085	54.836	ug/l	98
22) Diisopropyl ether	6.131	45	302729	57.658	ug/l	98
23) Vinyl Acetate	6.070	43	1026316	293.724	ug/l	100
24) 1,1-Dichloroethane	6.033	63	164404	56.502	ug/l	99
25) 2-Butanone	6.997	43	189459	297.851	ug/l	99
26) 2,2-Dichloropropane	6.990	77	136980	51.526	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	101805	55.099	ug/l	99
28) Bromochloromethane	7.344	49	62092	53.466	ug/l	98
29) Tetrahydrofuran	7.356	42	128513	305.461	ug/l	99
30) Chloroform	7.515	83	170331	57.353	ug/l	96
31) Cyclohexane	7.789	56	132904	45.398	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	151861	55.626	ug/l	99
36) 1,1-Dichloropropene	7.923	75	121092	49.913	ug/l	98
37) Ethyl Acetate	7.082	43	85040	57.860	ug/l	99
38) Carbon Tetrachloride	7.905	117	136867	51.907	ug/l	97
39) Methylcyclohexane	9.185	83	142226	46.079	ug/l	98
40) Benzene	8.167	78	362085	52.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	48760m	61.144	ug/l	
42) 1,2-Dichloroethane	8.246	62	126232	56.016	ug/l	99
43) Isopropyl Acetate	8.283	43	159612	57.361	ug/l	98
44) Trichloroethene	8.947	130	98317	51.851	ug/l	100
45) 1,2-Dichloropropane	9.222	63	96029	55.250	ug/l	99
46) Dibromomethane	9.313	93	53980	56.169	ug/l	97
47) Bromodichloromethane	9.502	83	136111	56.590	ug/l	98
48) Methyl methacrylate	9.295	41	74149	58.963	ug/l	98
49) 1,4-Dioxane	9.307	88	15657	1172.257	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	452676	308.910	ug/l	99
52) Toluene	10.246	92	234076	52.840	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	146518	54.509	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	157094	53.852	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	79857	57.430	ug/l	98
56) Ethyl methacrylate	10.514	69	119640	57.461	ug/l	98
57) 1,3-Dichloropropane	10.795	76	139144	56.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	330441	332.142	ug/l	99
59) 2-Hexanone	10.837	43	319797	308.764	ug/l	100
60) Dibromochloromethane	10.990	129	97794	56.829	ug/l	100
61) 1,2-Dibromoethane	11.093	107	73812	56.038	ug/l	100
64) Tetrachloroethene	10.721	164	98351	52.982	ug/l	98
65) Chlorobenzene	11.520	112	258234	52.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	101370	54.881	ug/l	99
67) Ethyl Benzene	11.593	91	458693	51.545	ug/l	99
68) m/p-Xylenes	11.703	106	354829	102.659	ug/l	99
69) o-Xylene	12.032	106	174759	52.606	ug/l	98
70) Styrene	12.044	104	299755	53.606	ug/l	99
71) Bromoform	12.209	173	69410	57.947	ug/l #	98
73) Isopropylbenzene	12.331	105	455550	50.271	ug/l	100
74) N-amyl acetate	12.148	43	148618	54.482	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	97104	55.712	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	70523m	52.421	ug/l	
77) Bromobenzene	12.611	156	114694	51.516	ug/l	97
78) n-propylbenzene	12.672	91	544251	50.568	ug/l	100
79) 2-Chlorotoluene	12.758	91	309412	51.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	381685	50.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36083	54.068	ug/l	97
82) 4-Chlorotoluene	12.855	91	318411	50.920	ug/l	99
83) tert-Butylbenzene	13.075	119	356014	52.757	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	383978	51.745	ug/l	99
85) sec-Butylbenzene	13.258	105	498580	51.224	ug/l	99
86) p-Isopropyltoluene	13.373	119	425226	50.885	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	223212	51.382	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	221031	51.289	ug/l	99
89) n-Butylbenzene	13.697	91	371985	49.135	ug/l	100
90) Hexachloroethane	13.965	117	80312	53.455	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	202621	52.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18920	57.262	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	134140	50.890	ug/l	100
94) Hexachlorobutadiene	15.111	225	87443	51.235	ug/l	99
95) Naphthalene	15.239	128	283621	54.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	122845	52.605	ug/l	99

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

