

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005727.D
 Acq On : 18 Aug 2021 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:57:12 PM

Quant Time: Aug 19 05:15:00 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	202173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103873	50.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.722	113	87309	53.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.179	98	353966	51.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.483	95	118783	52.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	71223	42.892	ug/l	95
3) Chloromethane	2.119	50	85553	43.132	ug/l	99
4) Vinyl Chloride	2.260	62	109228	45.975	ug/l	97
5) Bromomethane	2.656	94	71342	45.620	ug/l	99
6) Chloroethane	2.802	64	70641	49.258	ug/l	98
7) Trichlorofluoromethane	3.131	101	149611	47.033	ug/l	98
8) Diethyl Ether	3.534	74	48806	43.930	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	81895	47.464	ug/l	98
10) Methyl Iodide	4.095	142	96151	44.730	ug/l	97
11) Tert butyl alcohol	4.966	59	46525	229.969	ug/l	98
12) 1,1-Dichloroethene	3.881	96	80071	45.956	ug/l	98
13) Acrolein	3.735	56	22677	185.782	ug/l	98
14) Allyl chloride	4.485	41	145674	47.736	ug/l	99
15) Acrylonitrile	5.174	53	126060	221.399	ug/l	99
16) Acetone	3.954	43	136214	263.995	ug/l	97
17) Carbon Disulfide	4.198	76	228347	42.515	ug/l	100
18) Methyl Acetate	4.485	43	57684	42.746	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	243144	45.047	ug/l	100
20) Methylene Chloride	4.729	84	98570	47.948	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	88497	45.431	ug/l	99
22) Diisopropyl ether	6.125	45	306162	48.631	ug/l	98
23) Vinyl Acetate	6.070	43	992588	236.911	ug/l	100
24) 1,1-Dichloroethane	6.027	63	170381	48.835	ug/l	100
25) 2-Butanone	6.997	43	178105	233.517	ug/l	98
26) 2,2-Dichloropropane	6.990	77	160785	50.440	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	104712	47.263	ug/l	98
28) Bromochloromethane	7.338	49	67409	48.408	ug/l	97
29) Tetrahydrofuran	7.356	42	108433	214.945	ug/l	98
30) Chloroform	7.515	83	174118	48.895	ug/l	97
31) Cyclohexane	7.789	56	155616	44.331	ug/l	100
32) 1,1,1-Trichloroethane	7.704	97	162067	49.509	ug/l	99
36) 1,1-Dichloropropene	7.923	75	133818	49.054	ug/l	98
37) Ethyl Acetate	7.082	43	72081	43.616	ug/l	99
38) Carbon Tetrachloride	7.905	117	148067	49.940	ug/l	100
39) Methylcyclohexane	9.185	83	162551	46.836	ug/l	99
40) Benzene	8.167	78	378430	48.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	45981m	51.279	ug/l	
42) 1,2-Dichloroethane	8.240	62	123063	48.566	ug/l	98
43) Isopropyl Acetate	8.277	43	143313	45.804	ug/l	99
44) Trichloroethene	8.941	130	103885	48.724	ug/l	99
45) 1,2-Dichloropropane	9.222	63	95425	48.827	ug/l	100
46) Dibromomethane	9.307	93	51514	47.671	ug/l	97
47) Bromodichloromethane	9.496	83	133936	49.524	ug/l	98
48) Methyl methacrylate	9.295	41	65130	46.060	ug/l	96
49) 1,4-Dioxane	9.301	88	13276	883.989	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	376528	228.511	ug/l	100
52) Toluene	10.246	92	244098	49.005	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	146001	48.305	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	159691	48.684	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	75043	47.995	ug/l	98
56) Ethyl methacrylate	10.514	69	108179	46.206	ug/l	96
57) 1,3-Dichloropropane	10.795	76	132945	48.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	300809	268.897	ug/l	98
59) 2-Hexanone	10.837	43	271504	233.127	ug/l	99
60) Dibromochloromethane	10.984	129	92842	47.981	ug/l	99
61) 1,2-Dibromoethane	11.093	107	68845	46.483	ug/l	100
64) Tetrachloroethene	10.721	164	101160	50.149	ug/l	98
65) Chlorobenzene	11.520	112	261520	49.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99320	49.484	ug/l	99
67) Ethyl Benzene	11.593	91	481517	49.795	ug/l	99
68) m/p-Xylenes	11.703	106	370731	98.708	ug/l	98
69) o-Xylene	12.032	106	176741	48.960	ug/l	100
70) Styrene	12.044	104	301531	49.624	ug/l	99
71) Bromoform	12.209	173	61551	47.288	ug/l #	100
73) Isopropylbenzene	12.331	105	476580	49.219	ug/l	99
74) N-amyl acetate	12.142	43	131423	45.089	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	84531	45.389	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	70132m	48.788	ug/l	
77) Bromobenzene	12.611	156	114362	48.073	ug/l	99
78) n-propylbenzene	12.672	91	571902	49.730	ug/l	100
79) 2-Chlorotoluene	12.758	91	313384	48.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	395728	49.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32079	44.986	ug/l	98
82) 4-Chlorotoluene	12.855	91	327937	49.080	ug/l	100
83) tert-Butylbenzene	13.075	119	348229	48.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	390285	49.222	ug/l	98
85) sec-Butylbenzene	13.251	105	514714	49.491	ug/l	100
86) p-Isopropyltoluene	13.367	119	441574	49.453	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	226619	48.821	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	220615	47.910	ug/l	99
89) n-Butylbenzene	13.697	91	395373	48.875	ug/l	99
90) Hexachloroethane	13.959	117	79056	49.245	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	198614	48.441	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14505	41.085	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	129732	46.062	ug/l	99
94) Hexachlorobutadiene	15.111	225	83502	45.788	ug/l	100
95) Naphthalene	15.233	128	236172	42.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109153	43.745	ug/l	99

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

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