

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005039.D
 Acq On : 09 Jun 2021 11:58
 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
 6/10/2021 4:27:04 PM

Quant Time: Jun 10 02:39:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	213343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	326022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114858	50.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.728	113	97779	51.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.185	98	418633	53.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.483	95	142169	52.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	86947	44.880	ug/l	96
3) Chloromethane	2.113	50	126636	47.873	ug/l	98
4) Vinyl Chloride	2.253	62	119670	47.023	ug/l	99
5) Bromomethane	2.656	94	64617	44.799	ug/l	97
6) Chloroethane	2.802	64	72467	47.606	ug/l	100
7) Trichlorofluoromethane	3.131	101	176010	48.898	ug/l	99
8) Diethyl Ether	3.540	74	67063	47.985	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	107787	49.095	ug/l	100
10) Methyl Iodide	4.101	142	106946	51.028	ug/l	97
11) Tert butyl alcohol	4.991	59	43281	166.865	ug/l	98
12) 1,1-Dichloroethene	3.881	96	105012	47.895	ug/l	98
13) Acrolein	3.741	56	62287	267.296	ug/l	98
14) Allyl chloride	4.485	41	197582	49.426	ug/l	99
15) Acrylonitrile	5.180	53	156437	238.034	ug/l	100
16) Acetone	3.967	43	116740	215.016	ug/l	98
17) Carbon Disulfide	4.204	76	319114	47.330	ug/l	100
18) Methyl Acetate	4.491	43	80463	46.246	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	276163	48.931	ug/l	98
20) Methylene Chloride	4.729	84	136355	52.478	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	119906	48.720	ug/l	97
22) Diisopropyl ether	6.131	45	386662	52.689	ug/l	96
23) Vinyl Acetate	6.070	43	1365643	255.775	ug/l	98
24) 1,1-Dichloroethane	6.027	63	223678	50.643	ug/l	99
25) 2-Butanone	6.996	43	207496	227.278	ug/l	98
26) 2,2-Dichloropropane	6.984	77	186194	49.877	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	136448	50.592	ug/l	100
28) Bromochloromethane	7.344	49	99839	50.601	ug/l	96
29) Tetrahydrofuran	7.356	42	134665	231.929	ug/l	99
30) Chloroform	7.515	83	220405	52.626	ug/l	97
31) Cyclohexane	7.789	56	186027	46.847	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	188317	51.259	ug/l	99
36) 1,1-Dichloropropene	7.923	75	174233	50.443	ug/l	99
37) Ethyl Acetate	7.082	43	107035	47.110	ug/l	99
38) Carbon Tetrachloride	7.905	117	160286	53.322	ug/l	98
39) Methylcyclohexane	9.185	83	188949	49.524	ug/l	98
40) Benzene	8.167	78	510931	51.698	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	62677	50.180	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	145591	51.028	ug/l	99
43) Isopropyl Acetate	8.283	43	195122	47.836	ug/l	99
44) Trichloroethene	8.941	130	133786	51.723	ug/l	98
45) 1,2-Dichloropropane	9.222	63	134118	51.852	ug/l	97
46) Dibromomethane	9.307	93	71361	51.658	ug/l	98
47) Bromodichloromethane	9.502	83	170059	52.436	ug/l	99
48) Methyl methacrylate	9.295	41	89096	48.007	ug/l	98
49) 1,4-Dioxane	9.313	88	13174	789.907	ug/l #	74
51) 4-Methyl-2-Pentanone	10.075	43	522331	244.270	ug/l	100
52) Toluene	10.246	92	314261	52.551	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	184993	51.536	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	213514	52.354	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	99130	51.629	ug/l	99
56) Ethyl methacrylate	10.514	69	141688	51.545	ug/l	98
57) 1,3-Dichloropropane	10.795	76	179195	52.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	335714	241.670	ug/l	100
59) 2-Hexanone	10.837	43	351107	242.924	ug/l	100
60) Dibromochloromethane	10.990	129	116680	53.427	ug/l	99
61) 1,2-Dibromoethane	11.093	107	94866	51.515	ug/l	100
64) Tetrachloroethene	10.721	164	139326	51.107	ug/l	98
65) Chlorobenzene	11.520	112	327306	50.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	119203	51.765	ug/l	99
67) Ethyl Benzene	11.593	91	610381	51.131	ug/l	99
68) m/p-Xylenes	11.703	106	458426	102.494	ug/l	100
69) o-Xylene	12.032	106	213651	51.296	ug/l	100
70) Styrene	12.050	104	367771	52.997	ug/l	99
71) Bromoform	12.209	173	69391	51.107	ug/l #	99
73) Isopropylbenzene	12.331	105	576937	50.443	ug/l	100
74) N-amyl acetate	12.148	43	178705	48.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	110923	48.313	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	83264m	50.167	ug/l	
77) Bromobenzene	12.611	156	127909	50.052	ug/l	98
78) n-propylbenzene	12.672	91	708663	51.404	ug/l	100
79) 2-Chlorotoluene	12.758	91	387638	50.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	481294	51.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43792	48.490	ug/l	98
82) 4-Chlorotoluene	12.855	91	398361	50.725	ug/l	100
83) tert-Butylbenzene	13.075	119	408557	51.188	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	480729	51.266	ug/l	100
85) sec-Butylbenzene	13.258	105	598601	51.516	ug/l	100
86) p-Isopropyltoluene	13.373	119	516222	51.790	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	250149	51.421	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	245655	50.631	ug/l	100
89) n-Butylbenzene	13.697	91	499639	52.116	ug/l	99
90) Hexachloroethane	13.965	117	79441	53.697	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	220841	51.380	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18664	49.096	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	139545	51.696	ug/l	99
94) Hexachlorobutadiene	15.117	225	76099	53.435	ug/l	100
95) Naphthalene	15.239	128	304907	51.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	123498	51.970	ug/l	98

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

