

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005967.D
 Acq On : 09 Sep 2021 09:51
 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

9/10/2021 6:39:09 PM

Quant Time: Sep 10 04:43:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	267880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119912	44.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.840%
35) Dibromofluoromethane	7.722	113	109002	51.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.560%
50) Toluene-d8	10.179	98	442293	50.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.483	95	151295	51.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	109784	45.899	ug/l	99
3) Chloromethane	2.119	50	109359	43.168	ug/l	98
4) Vinyl Chloride	2.260	62	143511	43.584	ug/l	100
5) Bromomethane	2.656	94	100930	45.431	ug/l	94
6) Chloroethane	2.796	64	78061	39.646	ug/l	98
7) Trichlorofluoromethane	3.131	101	189293	45.005	ug/l	98
8) Diethyl Ether	3.534	74	65667	45.864	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	109201	48.216	ug/l	98
10) Methyl Iodide	4.101	142	115826	40.694	ug/l	96
11) Tert butyl alcohol	4.960	59	70357	132.540	ug/l	97
12) 1,1-Dichloroethene	3.875	96	108558	47.209	ug/l	87
13) Acrolein	3.735	56	21085	243.701	ug/l	100
14) Allyl chloride	4.485	41	170225	44.017	ug/l	96
15) Acrylonitrile	5.168	53	161857	223.536	ug/l	100
16) Acetone	3.954	43	204626	297.280	ug/l	94
17) Carbon Disulfide	4.198	76	324115	44.128	ug/l	98
18) Methyl Acetate	4.485	43	82836	43.345	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	323363	46.841	ug/l	99
20) Methylene Chloride	4.723	84	125565	47.579	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	122330	47.678	ug/l	98
22) Diisopropyl ether	6.125	45	349826	44.521	ug/l	97
23) Vinyl Acetate	6.064	43	1066373	223.636	ug/l	98
24) 1,1-Dichloroethane	6.027	63	206717	46.120	ug/l	99
25) 2-Butanone	6.990	43	250634	257.746	ug/l	96
26) 2,2-Dichloropropane	6.984	77	194499	46.381	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	139000	48.213	ug/l	95
28) Bromochloromethane	7.338	49	86831	46.994	ug/l	91
29) Tetrahydrofuran	7.350	42	138922	220.490	ug/l	95
30) Chloroform	7.509	83	216594	47.091	ug/l	99
31) Cyclohexane	7.789	56	194540	42.727	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	200287	46.769	ug/l	98
36) 1,1-Dichloropropene	7.923	75	167391	47.430	ug/l	98
37) Ethyl Acetate	7.076	43	93699	44.332	ug/l	98
38) Carbon Tetrachloride	7.905	117	185992	48.621	ug/l	98
39) Methylcyclohexane	9.185	83	217508	48.659	ug/l	97
40) Benzene	8.161	78	482042	48.345	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	59990m	50.969	ug/l	
42) 1,2-Dichloroethane	8.240	62	144652	44.662	ug/l	98
43) Isopropyl Acetate	8.277	43	176682	46.023	ug/l	97
44) Trichloroethene	8.941	130	140596	50.281	ug/l	98
45) 1,2-Dichloropropane	9.222	63	117889	48.186	ug/l	100
46) Dibromomethane	9.307	93	70377	49.986	ug/l	97
47) Bromodichloromethane	9.502	83	170104	49.714	ug/l	99
48) Methyl methacrylate	9.295	41	80807	45.797	ug/l	94
49) 1,4-Dioxane	9.301	88	19656	1013.714	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	478106	231.142	ug/l	96
52) Toluene	10.246	92	316202	49.206	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	186420	49.136	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	204513	49.129	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	103217	51.184	ug/l	98
56) Ethyl methacrylate	10.514	69	147327	50.472	ug/l	92
57) 1,3-Dichloropropane	10.795	76	171753	49.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	368067	244.291	ug/l	98
59) 2-Hexanone	10.831	43	369920	255.987	ug/l	95
60) Dibromochloromethane	10.984	129	129411	52.270	ug/l	99
61) 1,2-Dibromoethane	11.087	107	101001	52.578	ug/l	100
64) Tetrachloroethene	10.721	164	141047	49.524	ug/l	99
65) Chlorobenzene	11.514	112	345799	49.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	133095	50.940	ug/l	99
67) Ethyl Benzene	11.593	91	615504	49.333	ug/l	100
68) m/p-Xylenes	11.703	106	485918	98.765	ug/l	100
69) o-Xylene	12.032	106	232145	50.258	ug/l	98
70) Styrene	12.044	104	393554	49.950	ug/l	98
71) Bromoform	12.209	173	92291	53.577	ug/l #	99
73) Isopropylbenzene	12.331	105	616581	50.108	ug/l	100
74) N-amyl acetate	12.142	43	163670	46.360	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	117612	50.224	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	77523m	44.865	ug/l	
77) Bromobenzene	12.611	156	158722	51.211	ug/l	96
78) n-propylbenzene	12.672	91	729344	49.595	ug/l	99
79) 2-Chlorotoluene	12.758	91	407210	49.740	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	512103	49.673	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	45311	49.870	ug/l	93
82) 4-Chlorotoluene	12.855	91	427952	49.824	ug/l	97
83) tert-Butylbenzene	13.075	119	455952	50.598	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	504869	49.369	ug/l	100
85) sec-Butylbenzene	13.251	105	669118	50.381	ug/l	100
86) p-Isopropyltoluene	13.367	119	579963	50.395	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	302279	50.124	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	299531	49.724	ug/l	100
89) n-Butylbenzene	13.697	91	517567	50.265	ug/l	100
90) Hexachloroethane	13.959	117	106297	50.897	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	268897	50.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21248	48.379	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	186723	51.731	ug/l	98
94) Hexachlorobutadiene	15.111	225	121354	52.192	ug/l	100
95) Naphthalene	15.239	128	354387	51.105	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	163346	51.835	ug/l	99

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

