

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005888.D
 Acq On : 30 Aug 2021 11:49
 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
 8/31/2021 5:40:51 PM

Quant Time: Aug 31 02:49:54 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	224744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112915	49.634	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.260%		
35) Dibromofluoromethane	7.728	113	98804	55.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.940%		
50) Toluene-d8	10.185	98	387330	51.851	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.483	95	133649	54.028	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	87701	47.512	ug/l	98
3) Chloromethane	2.119	50	104433	47.363	ug/l	99
4) Vinyl Chloride	2.260	62	141311	53.505	ug/l	100
5) Bromomethane	2.662	94	107375	61.766	ug/l	98
6) Chloroethane	2.802	64	96687	60.649	ug/l	98
7) Trichlorofluoromethane	3.131	101	203438	57.532	ug/l	97
8) Diethyl Ether	3.540	74	64967	52.603	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	104272	54.364	ug/l	99
10) Methyl Iodide	4.101	142	114919	48.092	ug/l	97
11) Tert butyl alcohol	4.991	59	55371	246.207	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	98220	50.711	ug/l	99
13) Acrolein	3.747	56	23230	171.200	ug/l	100
14) Allyl chloride	4.491	41	172064	50.721	ug/l	98
15) Acrylonitrile	5.180	53	159304	251.686	ug/l	99
16) Acetone	3.967	43	170756	297.705	ug/l	92
17) Carbon Disulfide	4.204	76	252789	42.339	ug/l	100
18) Methyl Acetate	4.491	43	71934	47.952	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	316040	52.672	ug/l	100
20) Methylene Chloride	4.729	84	123884	55.111	ug/l	93
21) trans-1,2-Dichloroethene	5.229	96	111288	51.393	ug/l	96
22) Diisopropyl ether	6.125	45	366738	52.403	ug/l	95
23) Vinyl Acetate	6.070	43	1201025	257.871	ug/l	99
24) 1,1-Dichloroethane	6.027	63	208972	53.880	ug/l	100
25) 2-Butanone	7.003	43	220340	259.879	ug/l	97
26) 2,2-Dichloropropane	6.990	77	198922	56.137	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	130825	53.120	ug/l	100
28) Bromochloromethane	7.344	49	70553	45.577	ug/l	95
29) Tetrahydrofuran	7.362	42	131936	235.269	ug/l	98
30) Chloroform	7.515	83	217121	54.848	ug/l	97
31) Cyclohexane	7.789	56	177013	45.362	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	199389	54.793	ug/l	99
36) 1,1-Dichloropropene	7.923	75	161723	54.199	ug/l	99
37) Ethyl Acetate	7.082	43	94010	52.006	ug/l	99
38) Carbon Tetrachloride	7.905	117	181882	56.084	ug/l	97
39) Methylcyclohexane	9.185	83	197045	51.905	ug/l	99
40) Benzene	8.167	78	464088	54.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	50195m	51.177	ug/l	
42) 1,2-Dichloroethane	8.240	62	149842	54.062	ug/l	99
43) Isopropyl Acetate	8.277	43	178810	52.248	ug/l	99
44) Trichloroethene	8.941	130	132252	56.709	ug/l	98
45) 1,2-Dichloropropane	9.222	63	117832	55.121	ug/l	99
46) Dibromomethane	9.313	93	64222	54.333	ug/l	98
47) Bromodichloromethane	9.502	83	168238	56.872	ug/l	99
48) Methyl methacrylate	9.295	41	81530	52.713	ug/l	98
49) 1,4-Dioxane	9.313	88	17532	1067.255	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	481907	267.381	ug/l	99
52) Toluene	10.246	92	300719	55.194	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	182726	55.271	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	199984	55.739	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	96999	56.717	ug/l	98
56) Ethyl methacrylate	10.514	69	141944	55.429	ug/l	98
57) 1,3-Dichloropropane	10.795	76	167637	55.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	358551	293.024	ug/l	98
59) 2-Hexanone	10.837	43	340216	267.072	ug/l	97
60) Dibromochloromethane	10.984	129	120784	57.068	ug/l	100
61) 1,2-Dibromoethane	11.093	107	90037	55.577	ug/l	99
64) Tetrachloroethene	10.721	164	130006	58.720	ug/l	98
65) Chlorobenzene	11.520	112	333549	56.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	128823	58.477	ug/l	99
67) Ethyl Benzene	11.593	91	598464	56.387	ug/l	100
68) m/p-Xylenes	11.703	106	467457	113.397	ug/l	98
69) o-Xylene	12.032	106	223429	56.391	ug/l	97
70) Styrene	12.044	104	385491	57.802	ug/l	99
71) Bromoform	12.209	173	82904	58.031	ug/l #	99
73) Isopropylbenzene	12.331	105	599122	56.014	ug/l	100
74) N-amyl acetate	12.142	43	164484	51.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	111845	54.366	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	78559m	49.473	ug/l	
77) Bromobenzene	12.611	156	145767	55.470	ug/l	100
78) n-propylbenzene	12.672	91	713656	56.178	ug/l	100
79) 2-Chlorotoluene	12.758	91	396356	55.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	496551	55.939	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43456	55.168	ug/l	95
82) 4-Chlorotoluene	12.855	91	412757	55.923	ug/l	98
83) tert-Butylbenzene	13.075	119	444774	55.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	490966	56.055	ug/l	99
85) sec-Butylbenzene	13.251	105	653691	56.900	ug/l	99
86) p-Isopropyltoluene	13.367	119	564599	57.241	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	289444	56.449	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	286377	56.300	ug/l	100
89) n-Butylbenzene	13.697	91	505268	56.543	ug/l	99
90) Hexachloroethane	13.959	117	101196	57.065	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	256611	56.658	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20726	53.145	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	176964	56.880	ug/l	100
94) Hexachlorobutadiene	15.111	225	113931	56.556	ug/l	99
95) Naphthalene	15.239	128	341541	55.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	155972	56.587	ug/l	100

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

