

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010721\
 Data File : VY003881.D
 Acq On : 07 Jan 2021 15:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010721

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:30:54 PM

Quant Time: Jan 08 04:37:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 04:34:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	298522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	416903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	183908	47.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.84%		
35) Dibromofluoromethane	7.722	113	164542	49.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.28%		
50) Toluene-d8	10.179	98	648663	49.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.90%		
62) 4-Bromofluorobenzene	12.477	95	231402	50.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.22%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	132480	43.60	ug/l	98
3) Chloromethane	2.113	50	165625	43.29	ug/l	99
4) Vinyl Chloride	2.253	62	189590	45.31	ug/l	99
5) Bromomethane	2.650	94	145678	49.24	ug/l	97
6) Chloroethane	2.796	64	121667	47.05	ug/l	98
7) Trichlorofluoromethane	3.131	101	279534	48.78	ug/l	100
8) Diethyl Ether	3.533	74	91436	49.93	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	155147	49.37	ug/l	99
10) Methyl Iodide	4.100	142	197790	51.10	ug/l	99
11) Tert butyl alcohol	4.966	59	81095	246.87	ug/l	99
12) 1,1-Dichloroethene	3.881	96	149922	49.76	ug/l	96
13) Acrolein	3.735	56	94817	249.36	ug/l	100
14) Allyl chloride	4.485	41	273980	49.94	ug/l	99
15) Acrylonitrile	5.173	53	236208	248.62	ug/l	100
16) Acetone	3.954	43	195119	245.56	ug/l	99
17) Carbon Disulfide	4.198	76	466207	48.95	ug/l	99
18) Methyl Acetate	4.485	43	109500	48.15	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	446635	51.06	ug/l	100
20) Methylene Chloride	4.728	84	181009	53.99	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	169921	49.11	ug/l	98
22) Diisopropyl ether	6.124	45	555413	50.73	ug/l	98
23) Vinyl Acetate	6.070	43	1862818	256.56	ug/l	99
24) 1,1-Dichloroethane	6.027	63	298382	49.66	ug/l	98
25) 2-Butanone	6.990	43	314053	252.76	ug/l	98
26) 2,2-Dichloropropane	6.990	77	272212	48.86	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	191830	50.03	ug/l	100
28) Bromochloromethane	7.338	49	133833	49.98	ug/l	99
29) Tetrahydrofuran	7.350	42	217251	255.73	ug/l	99
30) Chloroform	7.514	83	308512	48.81	ug/l	98
31) Cyclohexane	7.789	56	285419	48.81	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	284870	49.32	ug/l	98
36) 1,1-Dichloropropene	7.923	75	243112	50.17	ug/l	99
37) Ethyl Acetate	7.076	43	145907	50.45	ug/l	99
38) Carbon Tetrachloride	7.905	117	265086	48.80	ug/l	98
39) Methylcyclohexane	9.185	83	303025	51.45	ug/l	99
40) Benzene	8.161	78	678288	49.55	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	77061m	50.72	ug/l	
42) 1,2-Dichloroethane	8.240	62	215310	48.22	ug/l	99
43) Isopropyl Acetate	8.277	43	271782	50.30	ug/l	100
44) Trichloroethene	8.941	130	201666	49.58	ug/l	99
45) 1,2-Dichloropropane	9.215	63	172694	49.42	ug/l	93
46) Dibromomethane	9.307	93	98221	49.48	ug/l	100
47) Bromodichloromethane	9.496	83	246126	49.88	ug/l	98
48) Methyl methacrylate	9.295	41	131800	50.77	ug/l	97
49) 1,4-Dioxane	9.295	88	27059	1013.42	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	720489	253.06	ug/l	98
52) Toluene	10.246	92	441444	49.90	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	263193	49.99	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	294402	50.15	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	144000	50.43	ug/l	98
56) Ethyl methacrylate	10.508	69	200844	52.41	ug/l	98
57) 1,3-Dichloropropane	10.788	76	244348	50.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	445931	233.65	ug/l	99
59) 2-Hexanone	10.831	43	510074	260.12	ug/l	99
60) Dibromochloromethane	10.983	129	185850	50.13	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140508	50.33	ug/l	99
64) Tetrachloroethene	10.715	164	228769	49.83	ug/l	99
65) Chlorobenzene	11.514	112	485870	50.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	189802	49.68	ug/l	99
67) Ethyl Benzene	11.593	91	866692	50.69	ug/l	99
68) m/p-Xylenes	11.703	106	669194	102.11	ug/l	99
69) o-Xylene	12.026	106	312379	51.39	ug/l	98
70) Styrene	12.044	104	545283	51.99	ug/l	99
71) Bromoform	12.209	173	128048	50.84	ug/l	99
73) Isopropylbenzene	12.325	105	867123	52.09	ug/l	99
74) N-amyl acetate	12.142	43	259971	53.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	159611	51.61	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	120399m	48.31	ug/l	
77) Bromobenzene	12.605	156	223077	50.53	ug/l	100
78) n-propylbenzene	12.666	91	1026658	52.16	ug/l	100
79) 2-Chlorotoluene	12.751	91	580564	51.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	751916	52.84	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	65765	52.41	ug/l	95
82) 4-Chlorotoluene	12.849	91	612276	51.24	ug/l	100
83) tert-Butylbenzene	13.068	119	656637	52.82	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	751388	52.39	ug/l	99
85) sec-Butylbenzene	13.251	105	895191	52.69	ug/l	99
86) p-Isopropyltoluene	13.367	119	850834	53.02	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	426773	50.85	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	423849	50.88	ug/l	100
89) n-Butylbenzene	13.690	91	779450	53.44	ug/l	100
90) Hexachloroethane	13.958	117	155466	52.30	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	381497	51.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31040	49.77	ug/l	100
93) 1,2,4-Trichlorobenzene	15.001	180	287200	53.11	ug/l	100
94) Hexachlorobutadiene	15.105	225	188321	51.13	ug/l	99
95) Naphthalene	15.233	128	516630	54.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	247857	52.62	ug/l	100

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

