

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030321\
 Data File : VY004058.D
 Acq On : 03 Mar 2021 14:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030321

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:05:00 PM

Quant Time: Mar 04 04:19:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 03 13:49:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83111	52.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.82%			
35) Dibromofluoromethane	7.722	113	84406	52.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.54%			
50) Toluene-d8	10.179	98	330088	51.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.44%			
62) 4-Bromofluorobenzene	12.477	95	111538	53.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.44%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66867	58.22	ug/l	96
3) Chloromethane	2.113	50	77525	56.20	ug/l	100
4) Vinyl Chloride	2.253	62	89204	54.76	ug/l	100
5) Bromomethane	2.650	94	63441	48.73	ug/l	97
6) Chloroethane	2.796	64	56098	53.97	ug/l	99
7) Trichlorofluoromethane	3.131	101	145119	50.76	ug/l	99
8) Diethyl Ether	3.534	74	43346	50.33	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	79672	51.16	ug/l	98
10) Methyl Iodide	4.100	142	89209	48.23	ug/l	98
11) Tert butyl alcohol	4.966	59	31974	235.52	ug/l	96
12) 1,1-Dichloroethene	3.881	96	76802	50.66	ug/l	88
13) Acrolein	3.735	56	34897	257.98	ug/l	96
14) Allyl chloride	4.491	41	110666	51.91	ug/l #	92
15) Acrylonitrile	5.167	53	103177	247.57	ug/l	99
16) Acetone	3.948	43	87924	269.71	ug/l #	88
17) Carbon Disulfide	4.198	76	226871	49.64	ug/l	98
18) Methyl Acetate	4.478	43	44199	50.88	ug/l #	91
19) Methyl tert-butyl Ether	5.228	73	209864	50.43	ug/l	98
20) Methylene Chloride	4.722	84	95931	56.70	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	89546	49.75	ug/l	91
22) Diisopropyl ether	6.125	45	249808	49.48	ug/l	97
23) Vinyl Acetate	6.070	43	796294	248.45	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	146380	48.80	ug/l	98
25) 2-Butanone	6.990	43	145293	277.28	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	153820	56.80	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	120102	58.41	ug/l	86
28) Bromochloromethane	7.338	49	64055	53.53	ug/l #	76
29) Tetrahydrofuran	7.350	42	96299	287.89	ug/l #	87
30) Chloroform	7.515	83	176560	57.03	ug/l	96
31) Cyclohexane	7.789	56	130340	47.62	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	143755	50.53	ug/l	97
36) 1,1-Dichloropropene	7.923	75	121312	52.76	ug/l	96
37) Ethyl Acetate	7.082	43	65655	57.14	ug/l #	95
38) Carbon Tetrachloride	7.905	117	132689	52.48	ug/l	98
39) Methylcyclohexane	9.185	83	158768	50.85	ug/l	89
40) Benzene	8.161	78	352690	52.84	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	36946m	55.37	ug/l	
42) 1,2-Dichloroethane	8.240	62	99758	53.20	ug/l	95
43) Isopropyl Acetate	8.277	43	113080	52.54	ug/l #	94
44) Trichloroethene	8.941	130	107160	50.89	ug/l	100
45) 1,2-Dichloropropane	9.222	63	86020	51.12	ug/l	97
46) Dibromomethane	9.307	93	50360	51.87	ug/l	96
47) Bromodichloromethane	9.496	83	125123	53.11	ug/l	99
48) Methyl methacrylate	9.289	41	55574	54.08	ug/l	90
49) 1,4-Dioxane	9.289	88	12545	1008.66	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	292337	256.10	ug/l	93
52) Toluene	10.246	92	235193	50.51	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	146839	58.73	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	146630	52.41	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	79799	55.96	ug/l	99
56) Ethyl methacrylate	10.508	69	103458	57.21	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	133751	57.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	185643	224.70	ug/l	93
59) 2-Hexanone	10.831	43	216407	280.75	ug/l	90
60) Dibromochloromethane	10.983	129	105036	58.60	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78279	57.37	ug/l	99
64) Tetrachloroethene	10.715	164	130754	49.40	ug/l	98
65) Chlorobenzene	11.514	112	291385	51.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	98148	46.44	ug/l	98
67) Ethyl Benzene	11.593	91	451781	46.50	ug/l	94
68) m/p-Xylenes	11.703	106	358965	93.56	ug/l	90
69) o-Xylene	12.026	106	166345	45.49	ug/l	92
70) Styrene	12.044	104	286042	46.06	ug/l	96
71) Bromoform	12.209	173	61321	45.60	ug/l #	99
73) Isopropylbenzene	12.325	105	451603	51.74	ug/l	97
74) N-amyl acetate	12.142	43	108169	53.33	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	76970	50.54	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	57876m	48.86	ug/l	
77) Bromobenzene	12.605	156	114130	51.78	ug/l	91
78) n-propylbenzene	12.672	91	531059	52.76	ug/l	96
79) 2-Chlorotoluene	12.751	91	292569	52.64	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	381876	53.77	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	30796	51.22	ug/l	92
82) 4-Chlorotoluene	12.855	91	309308	53.07	ug/l	94
83) tert-Butylbenzene	13.074	119	335745	53.36	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	382569	53.21	ug/l	95
85) sec-Butylbenzene	13.251	105	464082	54.95	ug/l	98
86) p-Isopropyltoluene	13.367	119	440816	55.49	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	216423	53.24	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	216081	52.63	ug/l	98
89) n-Butylbenzene	13.696	91	403615	54.90	ug/l	98
90) Hexachloroethane	13.958	117	79391	54.37	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	192355	52.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12890	49.52	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	135097	50.93	ug/l	100
94) Hexachlorobutadiene	15.111	225	82849	51.60	ug/l	99
95) Naphthalene	15.233	128	244888	51.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113402	51.81	ug/l	99

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

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