

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003898.D
 Acq On : 12 Jan 2021 12:18
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011221

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:36:49 PM

Quant Time: Jan 13 02:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104589	51.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.40%			
35) Dibromofluoromethane	7.722	113	80769	51.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.50%			
50) Toluene-d8	10.178	98	327304	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.50%			
62) 4-Bromofluorobenzene	12.477	95	119242	51.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.905	85	74635	45.76	ug/l	99
3) Chloromethane	2.113	50	105174	52.35	ug/l	98
4) Vinyl Chloride	2.253	62	114341	48.61	ug/l	99
5) Bromomethane	2.649	94	80591	47.62	ug/l	95
6) Chloroethane	2.796	64	73931	51.06	ug/l	99
7) Trichlorofluoromethane	3.131	101	156777	50.92	ug/l	98
8) Diethyl Ether	3.533	74	50238	50.87	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	81748	51.23	ug/l	95
10) Methyl Iodide	4.100	142	96010	50.56	ug/l	97
11) Tert butyl alcohol	4.966	59	49005	230.75	ug/l	98
12) 1,1-Dichloroethene	3.875	96	79012	50.71	ug/l	87
13) Acrolein	3.728	56	49315	244.06	ug/l	99
14) Allyl chloride	4.484	41	165470	49.07	ug/l	94
15) Acrylonitrile	5.173	53	141063	255.46	ug/l	99
16) Acetone	3.954	43	137342	271.91	ug/l	95
17) Carbon Disulfide	4.198	76	258036	49.71	ug/l	99
18) Methyl Acetate	4.478	43	67769	50.45	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	248003	51.12	ug/l	100
20) Methylene Chloride	4.722	84	92642	48.95	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	90988	50.95	ug/l	94
22) Diisopropyl ether	6.124	45	336320	51.17	ug/l #	95
23) Vinyl Acetate	6.069	43	1186353	260.59	ug/l	97
24) 1,1-Dichloroethane	6.027	63	166568	50.58	ug/l	99
25) 2-Butanone	6.990	43	205295	260.86	ug/l	93
26) 2,2-Dichloropropane	6.990	77	155801	50.58	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	101586	51.58	ug/l	94
28) Bromochloromethane	7.344	49	76626	50.12	ug/l	82
29) Tetrahydrofuran	7.350	42	136801	258.56	ug/l	93
30) Chloroform	7.514	83	168035	50.82	ug/l	99
31) Cyclohexane	7.789	56	169330	49.43	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	156999	50.96	ug/l	96
36) 1,1-Dichloropropene	7.923	75	133703	51.15	ug/l	98
37) Ethyl Acetate	7.081	43	92260	52.44	ug/l	97
38) Carbon Tetrachloride	7.904	117	143520	51.87	ug/l	96
39) Methylcyclohexane	9.185	83	163829	52.10	ug/l	97
40) Benzene	8.160	78	369432	51.60	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	50168m	50.71	ug/l	
42) 1,2-Dichloroethane	8.240	62	127830	51.88	ug/l	98
43) Isopropyl Acetate	8.276	43	178776	53.37	ug/l	94
44) Trichloroethene	8.941	130	100862	51.50	ug/l	94
45) 1,2-Dichloropropane	9.215	63	95949	51.68	ug/l	99
46) Dibromomethane	9.307	93	53456	51.82	ug/l	91
47) Bromodichloromethane	9.496	83	135970	52.82	ug/l	99
48) Methyl methacrylate	9.294	41	84416	53.24	ug/l	90
49) 1,4-Dioxane	9.294	88	13940	998.03	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	469466	264.25	ug/l	94
52) Toluene	10.239	92	235380	51.89	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	146251	52.60	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	161526	53.26	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	72453	51.76	ug/l	95
56) Ethyl methacrylate	10.508	69	113803	54.03	ug/l	91
57) 1,3-Dichloropropane	10.788	76	132118	51.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	250151	239.22	ug/l	96
59) 2-Hexanone	10.831	43	331157	267.76	ug/l	94
60) Dibromochloromethane	10.983	129	93668	51.67	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71291	51.86	ug/l	100
64) Tetrachloroethene	10.715	164	111145	50.47	ug/l	97
65) Chlorobenzene	11.514	112	244934	51.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	95496	52.14	ug/l	100
67) Ethyl Benzene	11.593	91	471813	52.34	ug/l	98
68) m/p-Xylenes	11.696	106	349959	104.74	ug/l	96
69) o-Xylene	12.026	106	161348	51.52	ug/l	94
70) Styrene	12.038	104	284797	53.01	ug/l	97
71) Bromoform	12.202	173	61669	51.22	ug/l #	98
73) Isopropylbenzene	12.324	105	456536	50.91	ug/l	99
74) N-amyl acetate	12.141	43	169234	52.75	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	85952	50.51	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	67718m	50.12	ug/l	
77) Bromobenzene	12.605	156	110028	50.25	ug/l	89
78) n-propylbenzene	12.666	91	554374	51.63	ug/l	98
79) 2-Chlorotoluene	12.751	91	308270	50.93	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	393790	50.76	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	36372	51.10	ug/l #	87
82) 4-Chlorotoluene	12.849	91	326765	50.73	ug/l	97
83) tert-Butylbenzene	13.068	119	332381	50.60	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	399259	51.88	ug/l	97
85) sec-Butylbenzene	13.251	105	462566	51.22	ug/l	98
86) p-Isopropyltoluene	13.367	119	434636	51.09	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	213437	50.54	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	208672	50.36	ug/l	99
89) n-Butylbenzene	13.690	91	418328	51.78	ug/l	99
90) Hexachloroethane	13.952	117	78612	51.03	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	189222	51.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	17752	49.56	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	137333	50.43	ug/l	100
94) Hexachlorobutadiene	15.104	225	90110	50.04	ug/l	99
95) Naphthalene	15.232	128	261503	50.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.415	180	117718	49.10	ug/l	99

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

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