

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011918.D
 Acq On : 20 Dec 2022 13:04
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122022

Quant Time: Dec 20 14:02:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	50.000	54.185	-8.4	104	0.00
3 P	Chloromethane	50.000	52.911	-5.8	105	0.00
4 C	Vinyl Chloride	50.000	53.134	-6.3#	105	0.00
5 T	Bromomethane	50.000	53.373	-6.7	111	0.00
6 T	Chloroethane	50.000	51.176	-2.4	103	0.00
7 T	Trichlorofluoromethane	50.000	52.502	-5.0	106	0.00
8 T	Diethyl Ether	50.000	52.615	-5.2	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.364	-4.7	107	0.00
10 T	Methyl Iodide	50.000	49.390	1.2	94	0.00
11 T	Tert butyl alcohol	250.000	251.871	-0.7	106	0.00
12 CM	1,1-Dichloroethene	50.000	52.578	-5.2#	106	0.00
13 T	Acrolein	250.000	232.785	6.9	107	0.00
14 T	Allyl chloride	50.000	52.712	-5.4	106	0.00
15 T	Acrylonitrile	250.000	262.003	-4.8	104	0.00
16 T	Acetone	250.000	259.940	-4.0	102	0.00
17 T	Carbon Disulfide	50.000	52.449	-4.9	105	0.00
18 T	Methyl Acetate	50.000	50.662	-1.3	105	0.00
19 T	Methyl tert-butyl Ether	50.000	53.537	-7.1	106	0.00
20 T	Methylene Chloride	50.000	49.238	1.5	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.853	-3.7	104	0.00
22 T	Diisopropyl ether	50.000	52.269	-4.5	104	0.00
23 T	Vinyl Acetate	250.000	273.423	-9.4	105	0.00
24 P	1,1-Dichloroethane	50.000	50.893	-1.8	105	0.00
25 T	2-Butanone	250.000	268.200	-7.3	101	0.00
26 T	2,2-Dichloropropane	50.000	49.802	0.4	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.403	-2.8	104	0.00
28 T	Bromochloromethane	50.000	50.618	-1.2	110	0.00
29 T	Tetrahydrofuran	250.000	273.984	-9.6	105	0.00
30 C	Chloroform	50.000	49.783	0.4#	102	0.00
31 T	Cyclohexane	50.000	50.519	-1.0	105	0.00
32 T	1,1,1-Trichloroethane	50.000	50.769	-1.5	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.521	-1.0	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	52.246	-4.5	107	0.00
36 T	1,1-Dichloropropene	50.000	51.800	-3.6	104	0.00
37 T	Ethyl Acetate	50.000	53.613	-7.2	109	0.00
38 T	Carbon Tetrachloride	50.000	51.201	-2.4	104	0.00
39 T	Methylcyclohexane	50.000	53.761	-7.5	106	0.00
40 TM	Benzene	50.000	50.612	-1.2	103	0.00
41 T	Methacrylonitrile	50.000	58.073	-16.1	109	0.00
42 TM	1,2-Dichloroethane	50.000	50.859	-1.7	104	0.00
43 T	Isopropyl Acetate	50.000	53.872	-7.7	106	0.00
44 TM	Trichloroethene	50.000	49.956	0.1	103	0.00
45 C	1,2-Dichloropropane	50.000	51.012	-2.0#	105	0.00
46 T	Dibromomethane	50.000	51.066	-2.1	103	0.00
47 T	Bromodichloromethane	50.000	50.682	-1.4	102	0.00
48 T	Methyl methacrylate	50.000	55.908	-11.8	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1131.185	-13.1	107	0.00
50 S	Toluene-d8	50.000	51.880	-3.8	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.688	-8.7	105	0.00
52 CM	Toluene	50.000	51.573	-3.1#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	51.817	-3.6	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.131	-4.3	104	0.00
55 T	1,1,2-Trichloroethane	50.000	50.055	-0.1	103	0.00
56 T	Ethyl methacrylate	50.000	55.125	-10.3	106	0.00
57 T	1,3-Dichloropropane	50.000	51.116	-2.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.927	0.4	105	0.00
59 T	2-Hexanone	250.000	280.923	-12.4	104	0.00
60 T	Dibromochloromethane	50.000	51.845	-3.7	102	0.00
61 T	1,2-Dibromoethane	50.000	51.839	-3.7	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.523	-3.0	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	50.622	-1.2	100	0.00
65 PM	Chlorobenzene	50.000	51.339	-2.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.768	-1.5	101	0.00
67 C	Ethyl Benzene	50.000	52.369	-4.7#	102	0.00
68 T	m/p-Xylenes	100.000	104.709	-4.7	102	0.00
69 T	o-Xylene	50.000	52.937	-5.9	103	0.00
70 T	Styrene	50.000	52.859	-5.7	102	0.00
71 P	Bromoform	50.000	52.582	-5.2	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.682	-7.4	103	0.00
74 T	N-amyl acetate	50.000	56.106	-12.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.335	-6.7	106	0.00
76 T	1,2,3-Trichloropropane	50.000	34.461	31.1#	67	0.00
77 T	Bromobenzene	50.000	51.929	-3.9	103	0.00
78 T	n-propylbenzene	50.000	53.139	-6.3	102	0.00
79 T	2-Chlorotoluene	50.000	52.347	-4.7	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.196	-6.4	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.460	-6.9	103	0.00
82 T	4-Chlorotoluene	50.000	51.859	-3.7	101	0.00
83 T	tert-Butylbenzene	50.000	53.925	-7.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.145	-6.3	102	0.00
85 T	sec-Butylbenzene	50.000	53.676	-7.4	104	0.00
86 T	p-Isopropyltoluene	50.000	53.814	-7.6	103	0.00
87 T	1,3-Dichlorobenzene	50.000	51.649	-3.3	102	0.00
88 T	1,4-Dichlorobenzene	50.000	50.933	-1.9	102	0.00
89 T	n-Butylbenzene	50.000	54.308	-8.6	104	0.00
90 T	Hexachloroethane	50.000	52.700	-5.4	104	0.00
91 T	1,2-Dichlorobenzene	50.000	51.866	-3.7	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.339	-8.7	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.504	-11.0	104	0.00
94 T	Hexachlorobutadiene	50.000	52.780	-5.6	104	0.00
95 T	Naphthalene	50.000	52.144	-4.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.503	-13.0	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6