

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010232.D
 Acq On : 31 Aug 2022 09:37
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY083122

Quant Time: Aug 31 14:43:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	47.857	4.3	104	0.00
3 P	Chloromethane	50.000	45.868	8.3	98	0.00
4 C	Vinyl Chloride	50.000	47.162	5.7#	95	0.00
5 T	Bromomethane	50.000	45.312	9.4	100	0.00
6 T	Chloroethane	50.000	49.495	1.0	100	0.01
7 T	Trichlorofluoromethane	50.000	48.246	3.5	97	0.01
8 T	Diethyl Ether	50.000	48.211	3.6	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.703	-1.4	104	0.01
10 T	Methyl Iodide	50.000	49.693	0.6	101	0.00
11 T	Tert butyl alcohol	250.000	195.503	21.8	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.840	2.3#	101	0.00
13 T	Acrolein	250.000	238.165	4.7	92	0.00
14 T	Allyl chloride	50.000	49.090	1.8	102	0.00
15 T	Acrylonitrile	250.000	234.650	6.1	97	0.00
16 T	Acetone	250.000	281.475	-12.6	117	0.00
17 T	Carbon Disulfide	50.000	46.936	6.1	98	0.00
18 T	Methyl Acetate	50.000	45.538	8.9	95	0.00
19 T	Methyl tert-butyl Ether	50.000	48.980	2.0	98	0.00
20 T	Methylene Chloride	50.000	45.746	8.5	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.694	0.6	101	0.00
22 T	Diisopropyl ether	50.000	49.768	0.5	101	0.00
23 T	Vinyl Acetate	250.000	243.137	2.7	97	0.00
24 P	1,1-Dichloroethane	50.000	49.582	0.8	102	0.00
25 T	2-Butanone	250.000	221.808	11.3	99	0.00
26 T	2,2-Dichloropropane	50.000	51.883	-3.8	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.772	2.5	101	0.00
28 T	Bromochloromethane	50.000	51.551	-3.1	102	0.00
29 T	Tetrahydrofuran	250.000	214.553	14.2	91	0.00
30 C	Chloroform	50.000	49.040	1.9#	103	0.00
31 T	Cyclohexane	50.000	44.343	11.3	97	0.00
32 T	1,1,1-Trichloroethane	50.000	50.040	-0.1	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.822	2.4	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	48.946	2.1	92	0.00
36 T	1,1-Dichloropropene	50.000	50.871	-1.7	101	0.00
37 T	Ethyl Acetate	50.000	46.184	7.6	94	0.00
38 T	Carbon Tetrachloride	50.000	52.642	-5.3	102	0.00
39 T	Methylcyclohexane	50.000	49.157	1.7	99	0.00
40 TM	Benzene	50.000	49.695	0.6	100	0.00
41 T	Methacrylonitrile	50.000	50.751	-1.5	104	0.02
42 TM	1,2-Dichloroethane	50.000	49.896	0.2	98	0.00
43 T	Isopropyl Acetate	50.000	44.059	11.9	92	0.00
44 TM	Trichloroethene	50.000	50.240	-0.5	100	0.00
45 C	1,2-Dichloropropane	50.000	46.469	7.1#	100	0.00
46 T	Dibromomethane	50.000	49.421	1.2	100	0.00
47 T	Bromodichloromethane	50.000	59.406	-18.8	118	0.00
48 T	Methyl methacrylate	50.000	46.386	7.2	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1025.797	-2.6	103	0.00
50 S	Toluene-d8	50.000	58.872	-17.7	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	287.186	-14.9	119	0.00
52 CM	Toluene	50.000	58.159	-16.3#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	57.474	-14.9	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	60.392	-20.8	123	0.00
55 T	1,1,2-Trichloroethane	50.000	52.827	-5.7	114	0.00
56 T	Ethyl methacrylate	50.000	55.147	-10.3	116	0.00
57 T	1,3-Dichloropropane	50.000	55.033	-10.1	120	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.541	-11.8	120	0.00
59 T	2-Hexanone	250.000	285.513	-14.2	128	0.00
60 T	Dibromochloromethane	50.000	54.641	-9.3	112	0.00
61 T	1,2-Dibromoethane	50.000	53.108	-6.2	114	0.00
62 S	4-Bromofluorobenzene	50.000	54.393	-8.8	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64 T	Tetrachloroethene	50.000	49.032	1.9	111	0.00
65 PM	Chlorobenzene	50.000	49.674	0.7	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.823	0.4	112	0.00
67 C	Ethyl Benzene	50.000	50.210	-0.4#	117	0.00
68 T	m/p-Xylenes	100.000	99.471	0.5	115	0.00
69 T	o-Xylene	50.000	50.654	-1.3	114	0.00
70 T	Styrene	50.000	51.462	-2.9	115	0.00
71 P	Bromoform	50.000	49.357	1.3	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73 T	Isopropylbenzene	50.000	52.261	-4.5	116	0.00
74 T	N-ethyl acetate	50.000	49.009	2.0	121	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.791	4.4	117	0.00
76 T	1,2,3-Trichloropropane	50.000	51.943	-3.9	125	0.00
77 T	Bromobenzene	50.000	50.603	-1.2	110	0.00
78 T	n-propylbenzene	50.000	53.040	-6.1	120	0.00
79 T	2-Chlorotoluene	50.000	52.569	-5.1	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.185	-2.4	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.354	-2.7	122	0.00
82 T	4-Chlorotoluene	50.000	50.221	-0.4	114	0.00
83 T	tert-Butylbenzene	50.000	50.107	-0.2	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.288	-2.6	114	0.00
85 T	sec-Butylbenzene	50.000	49.973	0.1	113	0.00
86 T	p-Isopropyltoluene	50.000	53.236	-6.5	116	0.00
87 T	1,3-Dichlorobenzene	50.000	51.553	-3.1	117	0.00
88 T	1,4-Dichlorobenzene	50.000	49.432	1.1	112	0.00
89 T	n-Butylbenzene	50.000	52.065	-4.1	113	0.00
90 T	Hexachloroethane	50.000	50.171	-0.3	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.718	-1.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.539	8.9	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.262	3.5	99	0.00
94 T	Hexachlorobutadiene	50.000	47.268	5.5	100	0.00
95 T	Naphthalene	50.000	43.600	12.8	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.437	11.1	91	0.00

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