

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007612.D
 Acq On : 23 Feb 2022 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 24 08:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	43.084	13.8	112	0.00
3 P	Chloromethane	50.000	46.124	7.8	117	0.00
4 C	Vinyl Chloride	50.000	43.115	13.8#	109	0.00
5 T	Bromomethane	50.000	52.947	-5.9	112	0.00
6 T	Chloroethane	50.000	44.002	12.0	111	0.00
7 T	Trichlorofluoromethane	50.000	44.014	12.0	110	0.00
8 T	Diethyl Ether	50.000	48.472	3.1	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.315	5.4	116	0.00
10 T	Methyl Iodide	50.000	45.821	8.4	101	0.00
11 T	Tert butyl alcohol	250.000	241.816	3.3	117	0.01
12 CM	1,1-Dichloroethene	50.000	48.393	3.2#	115	0.00
13 T	Acrolein	250.000	222.159	11.1	110	0.00
14 T	Allyl chloride	50.000	50.508	-1.0	119	0.00
15 T	Acrylonitrile	250.000	255.353	-2.1	121	0.00
16 T	Acetone	250.000	221.834	11.3	105	0.00
17 T	Carbon Disulfide	50.000	45.896	8.2	117	0.00
18 T	Methyl Acetate	50.000	46.957	6.1	118	0.00
19 T	Methyl tert-butyl Ether	50.000	48.904	2.2	117	0.00
20 T	Methylene Chloride	50.000	52.763	-5.5	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.055	3.9	121	0.00
22 T	Diisopropyl ether	50.000	49.422	1.2	124	0.01
23 T	Vinyl Acetate	250.000	254.205	-1.7	120	0.00
24 P	1,1-Dichloroethane	50.000	50.422	-0.8	122	0.00
25 T	2-Butanone	250.000	237.498	5.0	116	0.00
26 T	2,2-Dichloropropane	50.000	46.086	7.8	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.252	3.5	116	0.00
28 T	Bromochloromethane	50.000	48.145	3.7	116	0.00
29 T	Tetrahydrofuran	250.000	241.519	3.4	123	0.00
30 C	Chloroform	50.000	48.172	3.7#	118	0.00
31 T	Cyclohexane	50.000	50.514	-1.0	118	0.00
32 T	1,1,1-Trichloroethane	50.000	47.010	6.0	117	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.321	9.4	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	45.914	8.2	117	0.00
36 T	1,1-Dichloropropene	50.000	42.859	14.3	114	0.00
37 T	Ethyl Acetate	50.000	44.801	10.4	123	0.00
38 T	Carbon Tetrachloride	50.000	42.033	15.9	111	0.00
39 T	Methylcyclohexane	50.000	46.388	7.2	113	0.00
40 TM	Benzene	50.000	45.313	9.4	119	0.00
41 T	Methacrylonitrile	50.000	52.143	-4.3	125	0.00
42 TM	1,2-Dichloroethane	50.000	42.091	15.8	109	0.00
43 T	Isopropyl Acetate	50.000	44.286	11.4	116	0.00
44 TM	Trichloroethene	50.000	43.688	12.6	116	0.00
45 C	1,2-Dichloropropane	50.000	46.567	6.9#	121	0.00
46 T	Dibromomethane	50.000	43.690	12.6	113	0.00
47 T	Bromodichloromethane	50.000	46.369	7.3	118	0.00
48 T	Methyl methacrylate	50.000	43.529	12.9	115	0.00

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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)
49 T	1,4-Dioxane	1000.000	855.663	14.4	113	0.00
50 S	Toluene-d8	50.000	40.807	18.4	117	0.00
51 T	4-Methyl-2-Pentanone	250.000	222.364	11.1	115	0.00
52 CM	Toluene	50.000	43.074	13.9#	117	0.00
53 T	t-1,3-Dichloropropene	50.000	42.660	14.7	118	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.560	12.9	113	0.00
55 T	1,1,2-Trichloroethane	50.000	43.571	12.9	120	0.00
56 T	Ethyl methacrylate	50.000	45.876	8.2	122	0.00
57 T	1,3-Dichloropropane	50.000	44.351	11.3	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.921	3.6	115	0.00
59 T	2-Hexanone	250.000	214.060	14.4	113	0.00
60 T	Dibromochloromethane	50.000	43.949	12.1	114	0.00
61 T	1,2-Dibromoethane	50.000	42.035	15.9	111	0.00
62 S	4-Bromofluorobenzene	50.000	40.003	20.0	115	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	48.603	2.8	114	0.00
65 PM	Chlorobenzene	50.000	45.876	8.2	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.937	8.1	114	0.00
67 C	Ethyl Benzene	50.000	45.491	9.0#	115	0.00
68 T	m/p-Xylenes	100.000	90.383	9.6	118	0.00
69 T	o-Xylene	50.000	44.046	11.9	116	0.00
70 T	Styrene	50.000	46.098	7.8	120	0.00
71 P	Bromoform	50.000	43.742	12.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	48.447	3.1	117	0.00
74 T	N-ethyl acetate	50.000	50.075	-0.2	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.166	1.7	117	0.00
76 T	1,2,3-Trichloropropane	50.000	47.959	4.1	115	0.00
77 T	Bromobenzene	50.000	45.513	9.0	111	0.00
78 T	n-propylbenzene	50.000	48.094	3.8	116	0.00
79 T	2-Chlorotoluene	50.000	47.772	4.5	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.291	3.4	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.296	1.4	116	0.00
82 T	4-Chlorotoluene	50.000	47.431	5.1	114	0.00
83 T	tert-Butylbenzene	50.000	48.858	2.3	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.357	3.3	115	0.00
85 T	sec-Butylbenzene	50.000	47.839	4.3	115	0.00
86 T	p-Isopropyltoluene	50.000	47.199	5.6	112	0.00
87 T	1,3-Dichlorobenzene	50.000	46.710	6.6	112	0.00
88 T	1,4-Dichlorobenzene	50.000	46.198	7.6	111	0.00
89 T	n-Butylbenzene	50.000	44.728	10.5	106	0.00
90 T	Hexachloroethane	50.000	47.814	4.4	113	0.00
91 T	1,2-Dichlorobenzene	50.000	46.872	6.3	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.724	12.6	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.042	17.9	96	0.00
94 T	Hexachlorobutadiene	50.000	42.247	15.5	95	0.00
95 T	Naphthalene	50.000	42.964	14.1	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.524	17.0	96	0.00

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