

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009603.D
 Acq On : 19 Jul 2022 20:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 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	137	0.00
2 T	Dichlorodifluoromethane	50.000	45.979	8.0	129	0.00
3 P	Chloromethane	50.000	34.335	31.3#	99	0.00
4 C	Vinyl Chloride	50.000	32.674	34.7#	91	0.00
5 T	Bromomethane	50.000	30.944	38.1#	89	0.00
6 T	Chloroethane	50.000	29.406	41.2#	83	0.00
7 T	Trichlorofluoromethane	50.000	45.409	9.2	127	0.00
8 T	Diethyl Ether	50.000	47.892	4.2	134	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.536	4.9	131	0.00
10 T	Methyl Iodide	50.000	46.168	7.7	123	0.00
11 T	Tert butyl alcohol	250.000	199.419	20.2	106	0.00
12 CM	1,1-Dichloroethene	50.000	46.747	6.5#	130	0.00
13 T	Acrolein	250.000	181.564	27.4#	105	0.00
14 T	Allyl chloride	50.000	46.549	6.9	127	0.00
15 T	Acrylonitrile	250.000	222.397	11.0	124	0.00
16 T	Acetone	250.000	173.002	30.8#	80	0.00
17 T	Carbon Disulfide	50.000	45.907	8.2	126	0.00
18 T	Methyl Acetate	50.000	39.735	20.5	123	0.00
19 T	Methyl tert-butyl Ether	50.000	48.425	3.2	134	0.00
20 T	Methylene Chloride	50.000	59.637	-19.3	162	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.886	4.2	132	0.00
22 T	Diisopropyl ether	50.000	46.719	6.6	129	0.00
23 T	Vinyl Acetate	250.000	228.026	8.8	121	0.00
24 P	1,1-Dichloroethane	50.000	47.748	4.5	133	0.00
25 T	2-Butanone	250.000	203.444	18.6	104	0.00
26 T	2,2-Dichloropropane	50.000	40.557	18.9	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.638	2.7	136	0.00
28 T	Bromochloromethane	50.000	49.323	1.4	129	0.00
29 T	Tetrahydrofuran	250.000	216.423	13.4	119	0.00
30 C	Chloroform	50.000	47.895	4.2#	136	0.00
31 T	Cyclohexane	50.000	45.082	9.8	127	0.00
32 T	1,1,1-Trichloroethane	50.000	47.464	5.1	132	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.078	5.8	130	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	142	0.00
35 S	Dibromofluoromethane	50.000	48.937	2.1	139	0.00
36 T	1,1-Dichloropropene	50.000	45.457	9.1	129	0.00
37 T	Ethyl Acetate	50.000	41.343	17.3	118	0.00
38 T	Carbon Tetrachloride	50.000	45.716	8.6	129	0.00
39 T	Methylcyclohexane	50.000	48.717	2.6	135	0.00
40 TM	Benzene	50.000	46.134	7.7	133	0.00
41 T	Methacrylonitrile	50.000	48.331	3.3	140	0.00
42 TM	1,2-Dichloroethane	50.000	43.290	13.4	124	0.00
43 T	Isopropyl Acetate	50.000	44.325	11.3	124	0.00
44 TM	Trichloroethene	50.000	47.194	5.6	137	0.00
45 C	1,2-Dichloropropane	50.000	47.083	5.8#	135	0.00
46 T	Dibromomethane	50.000	45.992	8.0	131	0.00
47 T	Bromodichloromethane	50.000	46.580	6.8	134	0.00
48 T	Methyl methacrylate	50.000	45.409	9.2	126	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	965.853	3.4	136	0.00
50 S	Toluene-d8	50.000	49.118	1.8	138	0.00
51 T	4-Methyl-2-Pentanone	250.000	218.196	12.7	121	0.00
52 CM	Toluene	50.000	47.166	5.7#	134	0.00
53 T	t-1,3-Dichloropropene	50.000	46.125	7.8	131	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.756	6.5	131	0.00
55 T	1,1,2-Trichloroethane	50.000	46.744	6.5	136	0.00
56 T	Ethyl methacrylate	50.000	50.230	-0.5	139	0.00
57 T	1,3-Dichloropropane	50.000	46.872	6.3	134	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.877	1.6	133	0.00
59 T	2-Hexanone	250.000	213.059	14.8	112	0.00
60 T	Dibromochloromethane	50.000	46.984	6.0	135	0.00
61 T	1,2-Dibromoethane	50.000	47.241	5.5	137	0.00
62 S	4-Bromofluorobenzene	50.000	55.316	-10.6	157	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	143	0.00
64 T	Tetrachloroethene	50.000	47.888	4.2	137	0.00
65 PM	Chlorobenzene	50.000	47.147	5.7	137	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.456	3.1	139	0.00
67 C	Ethyl Benzene	50.000	47.886	4.2#	134	0.00
68 T	m/p-Xylenes	100.000	94.694	5.3	132	0.00
69 T	o-Xylene	50.000	49.555	0.9	138	0.00
70 T	Styrene	50.000	49.350	1.3	137	0.00
71 P	Bromoform	50.000	45.718	8.6	129	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	144	0.00
73 T	Isopropylbenzene	50.000	47.962	4.1	135	0.00
74 T	N-amyl acetate	50.000	54.547	-9.1	153	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.219	13.6	127	0.00
76 T	1,2,3-Trichloropropane	50.000	44.197	11.6	129	0.00
77 T	Bromobenzene	50.000	45.796	8.4	134	0.00
78 T	n-propylbenzene	50.000	46.797	6.4	132	0.00
79 T	2-Chlorotoluene	50.000	47.735	4.5	137	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.219	3.6	136	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.720	12.6	120	0.00
82 T	4-Chlorotoluene	50.000	46.276	7.4	133	0.00
83 T	tert-Butylbenzene	50.000	48.994	2.0	138	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.555	4.9	136	0.00
85 T	sec-Butylbenzene	50.000	47.533	4.9	134	0.00
86 T	p-Isopropyltoluene	50.000	47.757	4.5	134	0.00
87 T	1,3-Dichlorobenzene	50.000	44.813	10.4	132	0.00
88 T	1,4-Dichlorobenzene	50.000	44.634	10.7	132	0.00
89 T	n-Butylbenzene	50.000	47.397	5.2	132	0.00
90 T	Hexachloroethane	50.000	46.550	6.9	135	0.00
91 T	1,2-Dichlorobenzene	50.000	45.630	8.7	133	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.241	7.5	134	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.431	7.1	136	0.00
94 T	Hexachlorobutadiene	50.000	46.047	7.9	136	0.00
95 T	Naphthalene	50.000	49.059	1.9	142	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.983	8.0	138	0.00

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