

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008935.D
 Acq On : 21 May 2022 04:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 21 04:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	30.815	38.4#	48	0.00
3 P	Chloromethane	50.000	38.597	22.8	60	0.00
4 C	Vinyl Chloride	50.000	37.111	25.8#	59	0.00
5 T	Bromomethane	50.000	38.457	23.1	73	0.00
6 T	Chloroethane	50.000	40.241	19.5	67	0.00
7 T	Trichlorofluoromethane	50.000	40.360	19.3	65	0.00
8 T	Diethyl Ether	50.000	45.277	9.4	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.381	17.2	66	0.00
10 T	Methyl Iodide	50.000	32.749	34.5#	46	0.00
11 T	Tert butyl alcohol	250.000	202.170	19.1	68	0.00
12 CM	1,1-Dichloroethene	50.000	40.914	18.2#	66	0.00
13 T	Acrolein	250.000	127.859	48.9#	78	0.00
14 T	Allyl chloride	50.000	41.393	17.2	65	0.00
15 T	Acrylonitrile	250.000	227.092	9.2	75	0.00
16 T	Acetone	250.000	217.236	13.1	73	0.00
17 T	Carbon Disulfide	50.000	33.263	33.5#	53	0.00
18 T	Methyl Acetate	50.000	46.341	7.3	75	0.00
19 T	Methyl tert-butyl Ether	50.000	46.399	7.2	75	0.00
20 T	Methylene Chloride	50.000	46.736	6.5	75	0.00
21 T	trans-1,2-Dichloroethene	50.000	40.927	18.1	68	0.00
22 T	Diisopropyl ether	50.000	46.826	6.3	75	0.00
23 T	Vinyl Acetate	250.000	229.656	8.1	71	0.00
24 P	1,1-Dichloroethane	50.000	45.782	8.4	74	0.00
25 T	2-Butanone	250.000	223.146	10.7	71	0.00
26 T	2,2-Dichloropropane	50.000	39.982	20.0	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.669	8.7	73	0.00
28 T	Bromochloromethane	50.000	53.953	-7.9	91	0.00
29 T	Tetrahydrofuran	250.000	224.150	10.3	70	0.00
30 C	Chloroform	50.000	46.949	6.1#	76	0.00
31 T	Cyclohexane	50.000	37.337	25.3#	61	0.00
32 T	1,1,1-Trichloroethane	50.000	45.063	9.9	71	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.545	-17.1	124	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	52.473	-4.9	108	0.00
36 T	1,1-Dichloropropene	50.000	38.900	22.2	65	0.00
37 T	Ethyl Acetate	50.000	40.585	18.8	69	0.00
38 T	Carbon Tetrachloride	50.000	40.800	18.4	68	0.00
39 T	Methylcyclohexane	50.000	37.700	24.6	61	0.00
40 TM	Benzene	50.000	42.151	15.7	70	0.00
41 T	Methacrylonitrile	50.000	43.145	13.7	70	0.00
42 TM	1,2-Dichloroethane	50.000	44.277	11.4	74	0.00
43 T	Isopropyl Acetate	50.000	45.197	9.6	74	0.00
44 TM	Trichloroethene	50.000	41.330	17.3	69	0.00
45 C	1,2-Dichloropropane	50.000	45.536	8.9#	74	0.00
46 T	Dibromomethane	50.000	43.651	12.7	72	0.00
47 T	Bromodichloromethane	50.000	46.029	7.9	77	0.00
48 T	Methyl methacrylate	50.000	44.426	11.1	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	831.835	16.8	69	0.00
50 S	Toluene-d8	50.000	59.616	-19.2	134	0.00
51 T	4-Methyl-2-Pentanone	250.000	226.914	9.2	72	0.00
52 CM	Toluene	50.000	44.270	11.5#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	44.500	11.0	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.735	12.5	72	0.00
55 T	1,1,2-Trichloroethane	50.000	46.546	6.9	76	0.00
56 T	Ethyl methacrylate	50.000	46.869	6.3	73	0.00
57 T	1,3-Dichloropropane	50.000	46.149	7.7	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.841	-0.3	80	0.00
59 T	2-Hexanone	250.000	232.838	6.9	72	0.00
60 T	Dibromochloromethane	50.000	46.628	6.7	75	0.00
61 T	1,2-Dibromoethane	50.000	43.951	12.1	71	0.00
62 S	4-Bromofluorobenzene	50.000	55.484	-11.0	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	39.644	20.7	66	0.00
65 PM	Chlorobenzene	50.000	44.053	11.9	73	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.310	7.4	74	0.00
67 C	Ethyl Benzene	50.000	44.406	11.2#	70	0.00
68 T	m/p-Xylenes	100.000	90.520	9.5	68	0.00
69 T	o-Xylene	50.000	46.980	6.0	71	0.00
70 T	Styrene	50.000	47.519	5.0	69	0.00
71 P	Bromoform	50.000	46.698	6.6	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	41.673	16.7	69	0.00
74 T	N-amyl acetate	50.000	44.171	11.7	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.448	15.1	73	0.00
76 T	1,2,3-Trichloropropane	50.000	44.211	11.6	72	0.00
77 T	Bromobenzene	50.000	41.706	16.6	71	0.00
78 T	n-propylbenzene	50.000	44.551	10.9	109	0.00
79 T	2-Chlorotoluene	50.000	43.210	13.6	70	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.910	12.2	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	38.239	23.5	64	0.00
82 T	4-Chlorotoluene	50.000	44.884	10.2	70	0.00
83 T	tert-Butylbenzene	50.000	44.358	11.3	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.655	10.7	69	0.00
85 T	sec-Butylbenzene	50.000	44.982	10.0	70	0.00
86 T	p-Isopropyltoluene	50.000	43.915	12.2	67	0.00
87 T	1,3-Dichlorobenzene	50.000	43.527	12.9	69	0.00
88 T	1,4-Dichlorobenzene	50.000	44.201	11.6	71	0.00
89 T	n-Butylbenzene	50.000	43.414	13.2	68	0.00
90 T	Hexachloroethane	50.000	45.173	9.7	74	0.00
91 T	1,2-Dichlorobenzene	50.000	45.549	8.9	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.988	18.0	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.807	18.4	70	0.00
94 T	Hexachlorobutadiene	50.000	41.640	16.7	72	0.00
95 T	Naphthalene	50.000	43.443	13.1	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.533	16.9	72	0.00

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