

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018922.D
 Acq On : 25 Jul 2024 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 03:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 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	79	0.02
2 T	Dichlorodifluoromethane	50.000	34.398	31.2#	51	0.00
3 P	Chloromethane	50.000	37.562	24.9	58	0.00
4 C	Vinyl Chloride	50.000	38.595	22.8#	58	0.00
5 T	Bromomethane	50.000	42.122	15.8	70	0.00
6 T	Chloroethane	50.000	41.047	17.9	65	0.00
7 T	Trichlorofluoromethane	50.000	44.405	11.2	66	0.00
8 T	Diethyl Ether	50.000	48.328	3.3	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.447	11.1	66	0.00
10 T	Methyl Iodide	50.000	46.930	6.1	67	-0.01
11 T	Tert butyl alcohol	250.000	188.339	24.7	79	-0.02
12 CM	1,1-Dichloroethene	50.000	43.700	12.6#	67	0.00
13 T	Acrolein	250.000	94.659	62.1#	32	-0.01
14 T	Allyl chloride	50.000	44.328	11.3	69	-0.01
15 T	Acrylonitrile	250.000	278.672	-11.5	86	0.00
16 T	Acetone	250.000	235.145	5.9	76	-0.01
17 T	Carbon Disulfide	50.000	39.646	20.7	60	0.00
18 T	Methyl Acetate	50.000	56.641	-13.3	97	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.965	0.1	77	-0.01
20 T	Methylene Chloride	50.000	67.485	-35.0#	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	44.536	10.9	68	0.00
22 T	Diisopropyl ether	50.000	45.635	8.7	73	0.00
23 T	Vinyl Acetate	250.000	241.200	3.5	73	0.00
24 P	1,1-Dichloroethane	50.000	45.493	9.0	72	-0.01
25 T	2-Butanone	250.000	264.672	-5.9	83	0.00
26 T	2,2-Dichloropropane	50.000	40.997	18.0	64	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.265	9.5	72	0.00
28 T	Bromochloromethane	50.000	50.049	-0.1	79	0.01
29 T	Tetrahydrofuran	250.000	267.271	-6.9	82	0.00
30 C	Chloroform	50.000	47.098	5.8#	74	0.02
31 T	Cyclohexane	50.000	38.558	22.9	61	0.02
32 T	1,1,1-Trichloroethane	50.000	45.142	9.7	68	0.02
33 S	1,2-Dichloroethane-d4	50.000	45.035	9.9	67	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.03
35 S	Dibromofluoromethane	50.000	46.802	6.4	68	0.02
36 T	1,1-Dichloropropene	50.000	42.574	14.9	64	0.02
37 T	Ethyl Acetate	50.000	52.748	-5.5	78	0.00
38 T	Carbon Tetrachloride	50.000	45.948	8.1	67	0.02
39 T	Methylcyclohexane	50.000	42.136	15.7	62	0.04
40 TM	Benzene	50.000	45.451	9.1	70	0.02
41 T	Methacrylonitrile	50.000	54.835	-9.7	90	-0.02
42 TM	1,2-Dichloroethane	50.000	49.269	1.5	76	0.02
43 T	Isopropyl Acetate	50.000	50.617	-1.2	77	0.02
44 TM	Trichloroethene	50.000	48.061	3.9	74	0.04
45 C	1,2-Dichloropropane	50.000	48.235	3.5#	74	0.04
46 T	Dibromomethane	50.000	51.525	-3.0	77	0.04
47 T	Bromodichloromethane	50.000	50.845	-1.7	77	0.04
48 T	Methyl methacrylate	50.000	51.662	-3.3	78	0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1123.395	-12.3	84	0.04
50 S	Toluene-d8	50.000	42.397	15.2	61	0.05
51 T	4-Methyl-2-Pentanone	250.000	274.962	-10.0	81	0.05
52 CM	Toluene	50.000	43.717	12.6#	67	0.05
53 T	t-1,3-Dichloropropene	50.000	48.160	3.7	73	0.06
54 T	cis-1,3-Dichloropropene	50.000	47.211	5.6	71	0.05
55 T	1,1,2-Trichloroethane	50.000	52.425	-4.8	81	0.05
56 T	Ethyl methacrylate	50.000	52.668	-5.3	79	0.06
57 T	1,3-Dichloropropane	50.000	50.213	-0.4	77	0.07
58 T	2-Chloroethyl Vinyl ether	250.000	281.111	-12.4	79	0.05
59 T	2-Hexanone	250.000	270.501	-8.2	79	0.07
60 T	Dibromochloromethane	50.000	51.508	-3.0	78	0.07
61 T	1,2-Dibromoethane	50.000	53.291	-6.6	79	0.07
62 S	4-Bromofluorobenzene	50.000	44.373	11.3	66	0.10
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.08
64 T	Tetrachloroethene	50.000	48.662	2.7	73	0.06
65 PM	Chlorobenzene	50.000	48.171	3.7	74	0.07
66 T	1,1,1,2-Tetrachloroethane	50.000	50.788	-1.6	78	0.08
67 C	Ethyl Benzene	50.000	45.487	9.0#	69	0.08
68 T	m/p-Xylenes	100.000	91.726	8.3	70	0.08
69 T	o-Xylene	50.000	47.289	5.4	71	0.09
70 T	Styrene	50.000	48.095	3.8	73	0.09
71 P	Bromoform	50.000	58.601	-17.2	87	0.09
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.12
73 T	Isopropylbenzene	50.000	42.425	15.2	68	0.09
74 T	N-amyl acetate	50.000	46.133	7.7	70	0.09
75 P	1,1,2,2-Tetrachloroethane	50.000	48.155	3.7	79	0.10
76 T	1,2,3-Trichloropropane	50.000	46.488	7.0	82	0.10
77 T	Bromobenzene	50.000	44.980	10.0	74	0.10
78 T	n-propylbenzene	50.000	41.958	16.1	68	0.10
79 T	2-Chlorotoluene	50.000	43.278	13.4	72	0.10
80 T	1,3,5-Trimethylbenzene	50.000	42.020	16.0	68	0.10
81 T	trans-1,4-Dichloro-2-butene	50.000	45.783	8.4	70	0.10
82 T	4-Chlorotoluene	50.000	42.029	15.9	69	0.00
83 T	tert-Butylbenzene	50.000	42.576	14.8	70	0.11
84 T	1,2,4-Trimethylbenzene	50.000	41.867	16.3	69	0.11
85 T	sec-Butylbenzene	50.000	42.552	14.9	67	0.11
86 T	p-Isopropyltoluene	50.000	42.899	14.2	69	0.12
87 T	1,3-Dichlorobenzene	50.000	43.986	12.0	72	0.12
88 T	1,4-Dichlorobenzene	50.000	43.922	12.2	73	0.12
89 T	n-Butylbenzene	50.000	40.854	18.3	65	0.13
90 T	Hexachloroethane	50.000	42.665	14.7	68	0.13
91 T	1,2-Dichlorobenzene	50.000	45.817	8.4	76	0.12
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.854	-1.7	77	0.13
93 T	1,2,4-Trichlorobenzene	50.000	45.839	8.3	72	0.16
94 T	Hexachlorobutadiene	50.000	45.110	9.8	69	0.17
95 T	Naphthalene	50.000	48.221	3.6	73	0.17

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.693	6.6	73	0.18

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