

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018437.D
 Acq On : 03 Jun 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 05:40:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	41.719	16.6	102	0.00
3 P	Chloromethane	50.000	41.087	17.8	95	0.00
4 C	Vinyl Chloride	50.000	42.267	15.5#	97	0.00
5 T	Bromomethane	50.000	42.027	15.9	99	0.00
6 T	Chloroethane	50.000	43.411	13.2	96	0.00
7 T	Trichlorofluoromethane	50.000	42.927	14.1	98	0.00
8 T	Diethyl Ether	50.000	44.408	11.2	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.535	14.9	100	0.00
10 T	Methyl Iodide	50.000	42.721	14.6	91	0.00
11 T	Tert butyl alcohol	250.000	271.377	-8.6	116	0.00
12 CM	1,1-Dichloroethene	50.000	43.830	12.3#	101	0.00
13 T	Acrolein	250.000	340.760	-36.3#	107	0.00
14 T	Allyl chloride	50.000	42.038	15.9	91	0.00
15 T	Acrylonitrile	250.000	239.851	4.1	101	0.00
16 T	Acetone	250.000	257.636	-3.1	100	0.00
17 T	Carbon Disulfide	50.000	41.450	17.1	96	0.00
18 T	Methyl Acetate	50.000	47.147	5.7	107	0.00
19 T	Methyl tert-butyl Ether	50.000	47.591	4.8	102	0.00
20 T	Methylene Chloride	50.000	43.636	12.7	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.630	10.7	98	0.00
22 T	Diisopropyl ether	50.000	47.057	5.9	99	0.00
23 T	Vinyl Acetate	250.000	246.448	1.4	101	0.00
24 P	1,1-Dichloroethane	50.000	44.723	10.6	98	0.00
25 T	2-Butanone	250.000	255.570	-2.2	100	0.00
26 T	2,2-Dichloropropane	50.000	43.194	13.6	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.459	11.1	97	0.00
28 T	Bromochloromethane	50.000	47.020	6.0	95	0.00
29 T	Tetrahydrofuran	250.000	252.411	-1.0	107	0.00
30 C	Chloroform	50.000	45.698	8.6#	100	0.00
31 T	Cyclohexane	50.000	42.332	15.3	96	0.00
32 T	1,1,1-Trichloroethane	50.000	45.084	9.8	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.862	8.3	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	44.099	11.8	94	0.00
36 T	1,1-Dichloropropene	50.000	42.679	14.6	96	0.00
37 T	Ethyl Acetate	50.000	44.252	11.5	97	0.00
38 T	Carbon Tetrachloride	50.000	42.658	14.7	99	0.00
39 T	Methylcyclohexane	50.000	42.729	14.5	100	0.00
40 TM	Benzene	50.000	44.194	11.6	98	0.00
41 T	Methacrylonitrile	50.000	41.360	17.3	88	0.00
42 TM	1,2-Dichloroethane	50.000	45.317	9.4	99	0.00
43 T	Isopropyl Acetate	50.000	48.808	2.4	101	0.00
44 TM	Trichloroethene	50.000	42.670	14.7	98	0.00
45 C	1,2-Dichloropropane	50.000	44.835	10.3#	98	0.00
46 T	Dibromomethane	50.000	45.968	8.1	101	0.00
47 T	Bromodichloromethane	50.000	44.978	10.0	98	0.00
48 T	Methyl methacrylate	50.000	47.550	4.9	102	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1004.351	-0.4	114	0.00
50 S	Toluene-d8	50.000	44.092	11.8	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.290	1.1	100	0.00
52 CM	Toluene	50.000	45.456	9.1#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	48.205	3.6	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.288	7.4	101	0.00
55 T	1,1,2-Trichloroethane	50.000	47.700	4.6	100	0.00
56 T	Ethyl methacrylate	50.000	49.951	0.1	102	0.00
57 T	1,3-Dichloropropane	50.000	48.761	2.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.898	-4.4	101	0.00
59 T	2-Hexanone	250.000	261.956	-4.8	102	0.00
60 T	Dibromochloromethane	50.000	46.880	6.2	102	0.00
61 T	1,2-Dibromoethane	50.000	48.112	3.8	103	0.00
62 S	4-Bromofluorobenzene	50.000	44.794	10.4	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	40.648	18.7	99	0.00
65 PM	Chlorobenzene	50.000	44.180	11.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	43.380	13.2	99	0.00
67 C	Ethyl Benzene	50.000	43.660	12.7#	99	0.00
68 T	m/p-Xylenes	100.000	88.181	11.8	99	0.00
69 T	o-Xylene	50.000	43.279	13.4	100	0.00
70 T	Styrene	50.000	44.017	12.0	97	0.00
71 P	Bromoform	50.000	45.639	8.7	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	41.043	17.9	97	0.00
74 T	N-amyl acetate	50.000	42.871	14.3	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.572	10.9	102	0.00
76 T	1,2,3-Trichloropropane	50.000	38.972	22.1	95	0.00
77 T	Bromobenzene	50.000	43.121	13.8	102	0.00
78 T	n-propylbenzene	50.000	40.510	19.0	98	0.00
79 T	2-Chlorotoluene	50.000	40.313	19.4	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	41.301	17.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.786	14.4	96	0.00
82 T	4-Chlorotoluene	50.000	40.769	18.5	103	0.00
83 T	tert-Butylbenzene	50.000	42.283	15.4	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	41.591	16.8	103	0.00
85 T	sec-Butylbenzene	50.000	41.082	17.8	102	0.00
86 T	p-Isopropyltoluene	50.000	42.068	15.9	103	0.00
87 T	1,3-Dichlorobenzene	50.000	42.997	14.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	43.637	12.7	106	0.00
89 T	n-Butylbenzene	50.000	42.153	15.7	107	0.00
90 T	Hexachloroethane	50.000	41.704	16.6	104	0.00
91 T	1,2-Dichlorobenzene	50.000	43.891	12.2	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.589	12.8	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.661	4.7	118	0.00
94 T	Hexachlorobutadiene	50.000	44.244	11.5	116	0.00
95 T	Naphthalene	50.000	48.339	3.3	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.096	7.8	113	0.00

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