

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018436.D
 Acq On : 03 Jun 2024 13:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060324

Quant Time: Jun 04 05:40:27 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	41.447	17.1	96	0.00
3 P	Chloromethane	50.000	45.116	9.8	99	0.00
4 C	Vinyl Chloride	50.000	46.626	6.7#	101	0.00
5 T	Bromomethane	50.000	46.233	7.5	103	0.00
6 T	Chloroethane	50.000	48.134	3.7	101	0.00
7 T	Trichlorofluoromethane	50.000	46.970	6.1	102	0.00
8 T	Diethyl Ether	50.000	44.440	11.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.100	7.8	102	0.00
10 T	Methyl Iodide	50.000	43.888	12.2	89	0.00
11 T	Tert butyl alcohol	250.000	211.107	15.6	93	0.00
12 CM	1,1-Dichloroethene	50.000	46.045	7.9#	101	0.00
13 T	Acrolein	250.000	288.927	-15.6	86	0.00
14 T	Allyl chloride	50.000	47.448	5.1	97	0.00
15 T	Acrylonitrile	250.000	225.818	9.7	91	0.00
16 T	Acetone	250.000	241.611	3.4	89	0.00
17 T	Carbon Disulfide	50.000	44.722	10.6	99	0.00
18 T	Methyl Acetate	50.000	42.096	15.8	91	0.00
19 T	Methyl tert-butyl Ether	50.000	46.100	7.8	94	0.00
20 T	Methylene Chloride	50.000	45.086	9.8	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.918	6.2	98	0.00
22 T	Diisopropyl ether	50.000	49.264	1.5	99	0.00
23 T	Vinyl Acetate	250.000	244.987	2.0	95	0.00
24 P	1,1-Dichloroethane	50.000	46.814	6.4	97	0.00
25 T	2-Butanone	250.000	234.559	6.2	87	0.00
26 T	2,2-Dichloropropane	50.000	46.561	6.9	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.519	7.0	96	0.00
28 T	Bromochloromethane	50.000	54.630	-9.3	105	0.00
29 T	Tetrahydrofuran	250.000	228.903	8.4	92	0.00
30 C	Chloroform	50.000	47.745	4.5#	99	0.00
31 T	Cyclohexane	50.000	46.846	6.3	101	0.00
32 T	1,1,1-Trichloroethane	50.000	47.934	4.1	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.710	4.6	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	50.275	-0.5	98	0.00
36 T	1,1-Dichloropropene	50.000	48.820	2.4	100	0.00
37 T	Ethyl Acetate	50.000	42.693	14.6	86	0.00
38 T	Carbon Tetrachloride	50.000	46.914	6.2	100	0.00
39 T	Methylcyclohexane	50.000	48.927	2.1	104	0.00
40 TM	Benzene	50.000	48.276	3.4	98	0.00
41 T	Methacrylonitrile	50.000	50.143	-0.3	97	0.00
42 TM	1,2-Dichloroethane	50.000	48.399	3.2	97	0.00
43 T	Isopropyl Acetate	50.000	47.218	5.6	89	0.00
44 TM	Trichloroethene	50.000	46.759	6.5	98	0.00
45 C	1,2-Dichloropropane	50.000	49.154	1.7#	98	0.00
46 T	Dibromomethane	50.000	47.598	4.8	96	0.00
47 T	Bromodichloromethane	50.000	48.413	3.2	96	0.00
48 T	Methyl methacrylate	50.000	47.031	5.9	92	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	874.129	12.6	90	-0.02
50 S	Toluene-d8	50.000	52.273	-4.5	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.982	4.8	88	0.00
52 CM	Toluene	50.000	49.793	0.4#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	50.340	-0.7	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.570	0.9	99	0.00
55 T	1,1,2-Trichloroethane	50.000	50.065	-0.1	96	0.00
56 T	Ethyl methacrylate	50.000	49.869	0.3	93	0.00
57 T	1,3-Dichloropropane	50.000	50.655	-1.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.890	2.8	86	0.00
59 T	2-Hexanone	250.000	246.596	1.4	88	0.00
60 T	Dibromochloromethane	50.000	49.057	1.9	97	0.00
61 T	1,2-Dibromoethane	50.000	48.407	3.2	95	0.00
62 S	4-Bromofluorobenzene	50.000	52.130	-4.3	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	45.619	8.8	100	0.00
65 PM	Chlorobenzene	50.000	47.989	4.0	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.585	4.8	98	0.00
67 C	Ethyl Benzene	50.000	49.312	1.4#	101	0.00
68 T	m/p-Xylenes	100.000	98.866	1.1	100	0.00
69 T	o-Xylene	50.000	47.722	4.6	99	0.00
70 T	Styrene	50.000	50.111	-0.2	100	0.00
71 P	Bromoform	50.000	47.263	5.5	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	46.662	6.7	101	0.00
74 T	N-amyl acetate	50.000	43.282	13.4	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.505	11.0	93	0.00
76 T	1,2,3-Trichloropropane	50.000	43.450	13.1	97	0.00
77 T	Bromobenzene	50.000	45.160	9.7	98	0.00
78 T	n-propylbenzene	50.000	46.900	6.2	103	0.00
79 T	2-Chlorotoluene	50.000	46.224	7.6	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.402	7.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.277	11.4	91	0.00
82 T	4-Chlorotoluene	50.000	44.640	10.7	103	0.00
83 T	tert-Butylbenzene	50.000	46.458	7.1	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.177	7.6	105	0.00
85 T	sec-Butylbenzene	50.000	46.382	7.2	105	0.00
86 T	p-Isopropyltoluene	50.000	47.711	4.6	107	0.00
87 T	1,3-Dichlorobenzene	50.000	46.181	7.6	101	0.00
88 T	1,4-Dichlorobenzene	50.000	46.728	6.5	104	0.00
89 T	n-Butylbenzene	50.000	46.424	7.2	108	0.00
90 T	Hexachloroethane	50.000	46.456	7.1	106	0.00
91 T	1,2-Dichlorobenzene	50.000	45.644	8.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.954	20.1	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.407	7.2	105	0.00
94 T	Hexachlorobutadiene	50.000	45.708	8.6	110	0.00
95 T	Naphthalene	50.000	46.153	7.7	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.807	10.4	101	0.00

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