

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017858.D
 Acq On : 04 Apr 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 05 00:49:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 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	50	0.00
2 T	Dichlorodifluoromethane	50.000	56.895	-13.8	70	0.01
3 P	Chloromethane	50.000	60.883	-21.8	69	0.00
4 C	Vinyl Chloride	50.000	70.118	-40.2#	80	0.01
5 T	Bromomethane	50.000	78.466	-56.9#	95	0.00
6 T	Chloroethane	50.000	82.469	-64.9#	95	0.01
7 T	Trichlorofluoromethane	50.000	56.564	-13.1	67	0.01
8 T	Diethyl Ether	50.000	58.399	-16.8	67	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.599	-7.2	63	0.02
10 T	Methyl Iodide	50.000	59.042	-18.1	62	0.02
11 T	Tert butyl alcohol	250.000	287.622	-15.0	62	0.00
12 CM	1,1-Dichloroethene	50.000	54.723	-9.4#	63	0.01
13 T	Acrolein	250.000	198.468	20.6	44	0.02
14 T	Allyl chloride	50.000	52.049	-4.1	59	0.02
15 T	Acrylonitrile	250.000	286.431	-14.6	64	0.01
16 T	Acetone	250.000	240.243	3.9	53	0.01
17 T	Carbon Disulfide	50.000	52.508	-5.0	56	0.01
18 T	Methyl Acetate	50.000	58.054	-16.1	67	0.00
19 T	Methyl tert-butyl Ether	50.000	60.869	-21.7	69	0.02
20 T	Methylene Chloride	50.000	55.525	-11.0	61	0.02
21 T	trans-1,2-Dichloroethene	50.000	58.524	-17.0	66	0.01
22 T	Diisopropyl ether	50.000	57.688	-15.4	65	0.02
23 T	Vinyl Acetate	250.000	293.122	-17.2	65	0.02
24 P	1,1-Dichloroethane	50.000	58.160	-16.3	67	0.02
25 T	2-Butanone	250.000	267.189	-6.9	60	0.02
26 T	2,2-Dichloropropane	50.000	54.906	-9.8	65	0.01
27 T	cis-1,2-Dichloroethene	50.000	61.183	-22.4	70	0.01
28 T	Bromochloromethane	50.000	51.245	-2.5	50	0.02
29 T	Tetrahydrofuran	250.000	292.260	-16.9	65	0.01
30 C	Chloroform	50.000	61.750	-23.5#	72	0.01
31 T	Cyclohexane	50.000	49.514	1.0	58	0.00
32 T	1,1,1-Trichloroethane	50.000	60.090	-20.2	70	0.01
33 S	1,2-Dichloroethane-d4	50.000	62.362	-24.7	69	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.01
35 S	Dibromofluoromethane	50.000	59.348	-18.7	67	0.01
36 T	1,1-Dichloropropene	50.000	54.325	-8.7	64	0.01
37 T	Ethyl Acetate	50.000	53.134	-6.3	65	0.01
38 T	Carbon Tetrachloride	50.000	55.691	-11.4	67	0.00
39 T	Methylcyclohexane	50.000	52.015	-4.0	60	0.00
40 TM	Benzene	50.000	56.459	-12.9	68	0.01
41 T	Methacrylonitrile	50.000	43.197	13.6	46	-0.01
42 TM	1,2-Dichloroethane	50.000	60.354	-20.7	72	0.00
43 T	Isopropyl Acetate	50.000	57.517	-15.0	69	0.00
44 TM	Trichloroethene	50.000	55.327	-10.7	66	0.01
45 C	1,2-Dichloropropane	50.000	56.026	-12.1#	68	0.00
46 T	Dibromomethane	50.000	60.159	-20.3	72	0.01
47 T	Bromodichloromethane	50.000	60.009	-20.0	72	0.00
48 T	Methyl methacrylate	50.000	59.020	-18.0	68	0.01

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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	1183.025	-18.3	69	0.00
50 S	Toluene-d8	50.000	58.760	-17.5	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	304.207	-21.7	69	0.00
52 CM	Toluene	50.000	58.496	-17.0#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	58.660	-17.3	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.784	-13.6	68	0.00
55 T	1,1,2-Trichloroethane	50.000	58.110	-16.2	71	0.00
56 T	Ethyl methacrylate	50.000	59.794	-19.6	67	0.00
57 T	1,3-Dichloropropane	50.000	58.667	-17.3	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.175	-10.5	53	0.00
59 T	2-Hexanone	250.000	287.984	-15.2	64	0.00
60 T	Dibromochloromethane	50.000	60.721	-21.4	74	0.00
61 T	1,2-Dibromoethane	50.000	59.806	-19.6	71	0.00
62 S	4-Bromofluorobenzene	50.000	57.925	-15.8	66	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	56	0.00
64 T	Tetrachloroethene	50.000	55.399	-10.8	70	0.00
65 PM	Chlorobenzene	50.000	55.223	-10.4	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.662	-15.3	74	0.00
67 C	Ethyl Benzene	50.000	55.935	-11.9#	70	0.00
68 T	m/p-Xylenes	100.000	113.985	-14.0	71	0.00
69 T	o-Xylene	50.000	60.861	-21.7	71	0.00
70 T	Styrene	50.000	61.858	-23.7	72	0.00
71 P	Bromoform	50.000	55.855	-11.7	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	53	0.00
73 T	Isopropylbenzene	50.000	57.023	-14.0	71	0.00
74 T	N-ethyl acetate	50.000	56.904	-13.8	65	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.265	-12.5	71	0.00
76 T	1,2,3-Trichloropropane	50.000	57.920	-15.8	70	0.00
77 T	Bromobenzene	50.000	56.289	-12.6	72	0.00
78 T	n-propylbenzene	50.000	55.963	-11.9	69	0.00
79 T	2-Chlorotoluene	50.000	56.029	-12.1	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.607	-13.2	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.650	-15.3	68	0.00
82 T	4-Chlorotoluene	50.000	55.125	-10.3	68	0.00
83 T	tert-Butylbenzene	50.000	56.629	-13.3	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.107	-14.2	70	0.00
85 T	sec-Butylbenzene	50.000	57.184	-14.4	70	0.00
86 T	p-Isopropyltoluene	50.000	56.681	-13.4	70	0.00
87 T	1,3-Dichlorobenzene	50.000	55.704	-11.4	72	0.00
88 T	1,4-Dichlorobenzene	50.000	55.359	-10.7	70	0.00
89 T	n-Butylbenzene	50.000	56.058	-12.1	68	0.00
90 T	Hexachloroethane	50.000	55.946	-11.9	71	0.00
91 T	1,2-Dichlorobenzene	50.000	56.536	-13.1	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.201	-4.4	65	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.945	-7.9	64	0.00
94 T	Hexachlorobutadiene	50.000	52.168	-4.3	65	0.00
95 T	Naphthalene	50.000	56.706	-13.4	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.755	-9.5	65	0.00

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