

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078902.D
 Acq On : 10 May 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051024

Quant Time: May 11 05:15:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 05:14:02 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	54.700	-9.4	116	0.00
3 P	Chloromethane	50.000	55.119	-10.2	118	0.00
4 C	Vinyl Chloride	50.000	55.410	-10.8#	121	0.00
5 T	Bromomethane	50.000	54.336	-8.7	128	0.00
6 T	Chloroethane	50.000	56.235	-12.5	133	0.00
7 T	Trichlorofluoromethane	50.000	47.303	5.4	121	0.00
8 T	Diethyl Ether	50.000	55.089	-10.2	129	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.945	-3.9	116	0.00
10 T	Methyl Iodide	50.000	58.165	-16.3	123	0.00
11 T	Tert butyl alcohol	250.000	283.150	-13.3	127	-0.01
12 CM	1,1-Dichloroethene	50.000	53.900	-7.8#	122	0.00
13 T	Acrolein	250.000	256.432	-2.6	113	0.00
14 T	Allyl chloride	50.000	57.476	-15.0	123	0.00
15 T	Acrylonitrile	250.000	292.806	-17.1	117	0.00
16 T	Acetone	250.000	255.306	-2.1	91	0.00
17 T	Carbon Disulfide	50.000	51.417	-2.8	117	0.00
18 T	Methyl Acetate	50.000	59.300	-18.6	123	0.00
19 T	Methyl tert-butyl Ether	50.000	61.690	-23.4	120	0.00
20 T	Methylene Chloride	50.000	55.910	-11.8	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.546	-15.1	118	0.00
22 T	Diisopropyl ether	50.000	60.074	-20.1	117	0.00
23 T	Vinyl Acetate	250.000	314.066	-25.6#	119	0.00
24 P	1,1-Dichloroethane	50.000	57.736	-15.5	121	0.00
25 T	2-Butanone	250.000	295.831	-18.3	106	0.00
26 T	2,2-Dichloropropane	50.000	54.424	-8.8	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.152	-16.3	122	0.00
28 T	Bromochloromethane	50.000	55.409	-10.8	108	0.00
29 T	Tetrahydrofuran	250.000	307.293	-22.9	117	0.00
30 C	Chloroform	50.000	56.336	-12.7#	119	0.00
31 T	Cyclohexane	50.000	54.574	-9.1	115	0.00
32 T	1,1,1-Trichloroethane	50.000	56.168	-12.3	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.619	-21.2	129	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	59.152	-18.3	126	0.00
36 T	1,1-Dichloropropene	50.000	58.666	-17.3	118	0.00
37 T	Ethyl Acetate	50.000	59.460	-18.9	122	0.00
38 T	Carbon Tetrachloride	50.000	54.561	-9.1	113	0.00
39 T	Methylcyclohexane	50.000	59.121	-18.2	119	0.00
40 TM	Benzene	50.000	56.215	-12.4	116	0.00
41 T	Methacrylonitrile	50.000	62.822	-25.6#	129	0.02
42 TM	1,2-Dichloroethane	50.000	58.647	-17.3	120	0.00
43 T	Isopropyl Acetate	50.000	57.977	-16.0	117	0.00
44 TM	Trichloroethene	50.000	56.573	-13.1	118	0.00
45 C	1,2-Dichloropropane	50.000	55.707	-11.4#	116	0.00
46 T	Dibromomethane	50.000	56.604	-13.2	112	0.00
47 T	Bromodichloromethane	50.000	55.697	-11.4	116	0.00
48 T	Methyl methacrylate	50.000	62.619	-25.2#	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1215.329	-21.5	115	0.00
50 S	Toluene-d8	50.000	61.154	-22.3	125	0.00
51 T	4-Methyl-2-Pentanone	250.000	307.260	-22.9	118	0.00
52 CM	Toluene	50.000	57.199	-14.4#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	60.029	-20.1	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.740	-17.5	118	0.00
55 T	1,1,2-Trichloroethane	50.000	56.641	-13.3	117	0.00
56 T	Ethyl methacrylate	50.000	63.723	-27.4#	122	0.00
57 T	1,3-Dichloropropane	50.000	58.161	-16.3	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	301.177	-20.5	102	0.00
59 T	2-Hexanone	250.000	297.808	-19.1	103	0.00
60 T	Dibromochloromethane	50.000	57.060	-14.1	116	0.00
61 T	1,2-Dibromoethane	50.000	56.103	-12.2	115	0.00
62 S	4-Bromofluorobenzene	50.000	63.397	-26.8#	129	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	57.016	-14.0	118	0.00
65 PM	Chlorobenzene	50.000	56.642	-13.3	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.261	-10.5	115	0.00
67 C	Ethyl Benzene	50.000	59.065	-18.1#	118	0.00
68 T	m/p-Xylenes	100.000	118.253	-18.3	119	0.00
69 T	o-Xylene	50.000	60.992	-22.0	121	0.00
70 T	Styrene	50.000	59.641	-19.3	116	0.00
71 P	Bromoform	50.000	59.022	-18.0	119	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	60.631	-21.3	116	0.00
74 T	N-amyl acetate	50.000	64.181	-28.4#	121	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.865	-19.7	114	0.00
76 T	1,2,3-Trichloropropane	50.000	61.072	-22.1	119	0.00
77 T	Bromobenzene	50.000	60.133	-20.3	117	0.00
78 T	n-propylbenzene	50.000	60.364	-20.7	114	0.00
79 T	2-Chlorotoluene	50.000	60.655	-21.3	117	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.402	-20.8	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.362	-20.7	112	0.00
82 T	4-Chlorotoluene	50.000	59.244	-18.5	117	0.00
83 T	tert-Butylbenzene	50.000	61.287	-22.6	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	62.269	-24.5	116	0.00
85 T	sec-Butylbenzene	50.000	60.992	-22.0	115	0.00
86 T	p-Isopropyltoluene	50.000	62.189	-24.4	117	0.00
87 T	1,3-Dichlorobenzene	50.000	59.515	-19.0	115	0.00
88 T	1,4-Dichlorobenzene	50.000	58.244	-16.5	116	0.00
89 T	n-Butylbenzene	50.000	61.179	-22.4	113	0.00
90 T	Hexachloroethane	50.000	58.511	-17.0	119	0.00
91 T	1,2-Dichlorobenzene	50.000	58.791	-17.6	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.691	-17.4	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	62.245	-24.5	118	0.00
94 T	Hexachlorobutadiene	50.000	59.204	-18.4	119	0.00
95 T	Naphthalene	50.000	64.465	-28.9#	119	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.877	-27.8#	124	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6