

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075021.D
 Acq On : 14 Dec 2022 15:44
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

Quant Time: Dec 15 03:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:27:53 2022
 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	46.062	7.9	108	0.00
3 P	Chloromethane	50.000	46.762	6.5	100	0.00
4 C	Vinyl Chloride	50.000	48.189	3.6#	112	0.00
5 T	Bromomethane	50.000	48.485	3.0	114	0.00
6 T	Chloroethane	50.000	44.573	10.9	109	0.00
7 T	Trichlorofluoromethane	50.000	43.886	12.2	111	0.00
8 T	Diethyl Ether	50.000	46.009	8.0	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.390	11.2	108	0.00
10 T	Methyl Iodide	50.000	47.552	4.9	123	0.00
11 T	Tert butyl alcohol	250.000	211.009	15.6	106	0.00
12 CM	1,1-Dichloroethene	50.000	45.406	9.2#	111	0.00
13 T	Acrolein	250.000	223.621	10.6	104	0.00
14 T	Allyl chloride	50.000	46.597	6.8	111	0.00
15 T	Acrylonitrile	250.000	230.803	7.7	106	0.00
16 T	Acetone	250.000	256.885	-2.8	108	0.00
17 T	Carbon Disulfide	50.000	46.875	6.3	110	0.00
18 T	Methyl Acetate	50.000	44.924	10.2	106	0.00
19 T	Methyl tert-butyl Ether	50.000	47.766	4.5	108	0.00
20 T	Methylene Chloride	50.000	51.099	-2.2	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.482	7.0	110	0.00
22 T	Diisopropyl ether	50.000	47.564	4.9	107	0.00
23 T	Vinyl Acetate	250.000	251.536	-0.6	107	0.00
24 P	1,1-Dichloroethane	50.000	46.252	7.5	110	0.00
25 T	2-Butanone	250.000	233.786	6.5	103	0.00
26 T	2,2-Dichloropropane	50.000	45.658	8.7	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.384	7.2	109	0.00
28 T	Bromochloromethane	50.000	46.457	7.1	109	-0.01
29 T	Tetrahydrofuran	250.000	228.338	8.7	103	0.00
30 C	Chloroform	50.000	46.436	7.1#	109	0.00
31 T	Cyclohexane	50.000	44.278	11.4	109	0.00
32 T	1,1,1-Trichloroethane	50.000	46.297	7.4	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.997	10.0	115	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	133	0.00
35 S	Dibromofluoromethane	50.000	40.005	20.0	118	0.00
36 T	1,1-Dichloropropene	50.000	44.140	11.7	112	0.00
37 T	Ethyl Acetate	50.000	40.583	18.8	104	0.00
38 T	Carbon Tetrachloride	50.000	45.697	8.6	111	0.00
39 T	Methylcyclohexane	50.000	48.645	2.7	130	0.00
40 TM	Benzene	50.000	44.755	10.5	110	0.00
41 T	Methacrylonitrile	50.000	48.943	2.1	127	0.00
42 TM	1,2-Dichloroethane	50.000	44.914	10.2	118	0.00
43 T	Isopropyl Acetate	50.000	45.653	8.7	120	0.00
44 TM	Trichloroethene	50.000	49.841	0.3	135	0.00
45 C	1,2-Dichloropropane	50.000	48.457	3.1#	124	0.00
46 T	Dibromomethane	50.000	50.162	-0.3	131	0.00
47 T	Bromodichloromethane	50.000	50.603	-1.2	131	0.00
48 T	Methyl methacrylate	50.000	46.393	7.2	118	0.00

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

49 T	1,4-Dioxane	1000.000	1012.492	-1.2	122	0.00
50 S	Toluene-d8	50.000	43.858	12.3	138	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.523	2.2	118	0.00
52 CM	Toluene	50.000	50.210	-0.4#	128	0.00
53 T	t-1,3-Dichloropropene	50.000	49.831	0.3	125	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.236	-0.5	128	0.00
55 T	1,1,2-Trichloroethane	50.000	49.712	0.6	128	0.00
56 T	Ethyl methacrylate	50.000	50.819	-1.6	123	0.00
57 T	1,3-Dichloropropane	50.000	49.063	1.9	126	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.433	-1.0	125	0.00
59 T	2-Hexanone	250.000	251.144	-0.5	120	0.00
60 T	Dibromochloromethane	50.000	50.529	-1.1	129	0.00
61 T	1,2-Dibromoethane	50.000	50.497	-1.0	130	0.00
62 S	4-Bromofluorobenzene	50.000	39.955	20.1	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	127	0.00
64 T	Tetrachloroethene	50.000	50.537	-1.1	135	0.00
65 PM	Chlorobenzene	50.000	42.911	14.2	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	42.118	15.8	106	0.00
67 C	Ethyl Benzene	50.000	43.060	13.9#	109	0.00
68 T	m/p-Xylenes	100.000	86.079	13.9	108	0.00
69 T	o-Xylene	50.000	41.888	16.2	107	0.00
70 T	Styrene	50.000	43.314	13.4	107	0.00
71 P	Bromoform	50.000	41.214	17.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.443	-2.9	108	0.00
74 T	N-ethyl acetate	50.000	51.435	-2.9	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.121	-0.2	106	0.00
76 T	1,2,3-Trichloropropane	50.000	45.929	8.1	101	0.00
77 T	Bromobenzene	50.000	50.687	-1.4	107	0.00
78 T	n-propylbenzene	50.000	51.278	-2.6	107	0.00
79 T	2-Chlorotoluene	50.000	50.797	-1.6	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.833	-1.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.651	-3.3	106	0.00
82 T	4-Chlorotoluene	50.000	50.354	-0.7	106	0.00
83 T	tert-Butylbenzene	50.000	51.469	-2.9	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.838	-1.7	105	0.00
85 T	sec-Butylbenzene	50.000	51.054	-2.1	107	0.00
86 T	p-Isopropyltoluene	50.000	50.668	-1.3	106	0.00
87 T	1,3-Dichlorobenzene	50.000	48.813	2.4	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.026	1.9	107	0.00
89 T	n-Butylbenzene	50.000	51.206	-2.4	107	0.00
90 T	Hexachloroethane	50.000	49.637	0.7	107	0.00
91 T	1,2-Dichlorobenzene	50.000	48.699	2.6	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.072	1.9	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.269	1.5	104	0.00
94 T	Hexachlorobutadiene	50.000	49.696	0.6	107	0.00
95 T	Naphthalene	50.000	50.062	-0.1	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.434	1.1	105	0.00

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