

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	74	0.04
2 T	Dichlorodifluoromethane	50.000	47.346	5.3	69	0.00
3 P	Chloromethane	50.000	41.439	17.1	64	0.02
4 C	Vinyl Chloride	50.000	46.467	7.1#	66	0.02
5 T	Bromomethane	50.000	75.345	-50.7#	105	0.02
6 T	Chloroethane	50.000	59.294	-18.6	81	0.02
7 T	Trichlorofluoromethane	50.000	61.711	-23.4#	90	0.03
8 T	Diethyl Ether	50.000	40.043	19.9	59	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.011	4.0	68	0.03
10 T	Methyl Iodide	50.000	42.143	15.7	62	0.02
11 T	Tert butyl alcohol	250.000	248.034	0.8	76	0.06
12 CM	1,1-Dichloroethene	50.000	48.618	2.8#	66	0.02
13 T	Acrolein	250.000	181.194	27.5#	56	0.03
14 T	Allyl chloride	50.000	48.844	2.3	69	0.04
15 T	Acrylonitrile	250.000	219.642	12.1	66	0.04
16 T	Acetone	250.000	222.662	10.9	64	0.04
17 T	Carbon Disulfide	50.000	41.838	16.3	60	0.03
18 T	Methyl Acetate	50.000	49.924	0.2	76	0.04
19 T	Methyl tert-butyl Ether	50.000	47.944	4.1	70	0.05
20 T	Methylene Chloride	50.000	50.257	-0.5	77	0.03
21 T	trans-1,2-Dichloroethene	50.000	46.851	6.3	65	0.03
22 T	Diisopropyl ether	50.000	47.895	4.2	71	0.05
23 T	Vinyl Acetate	250.000	272.644	-9.1	78	0.05
24 P	1,1-Dichloroethane	50.000	51.126	-2.3	78	0.04
25 T	2-Butanone	250.000	243.952	2.4	75	0.05
26 T	2,2-Dichloropropane	50.000	53.453	-6.9	82	0.04
27 T	cis-1,2-Dichloroethene	50.000	49.447	1.1	75	0.05
28 T	Bromochloromethane	50.000	60.633	-21.3#	91	0.04
29	Tetrahydrofuran	250.000	224.496	10.2	72	0.05
30 C	Chloroform	50.000	55.598	-11.2#	82	0.04
31 T	Cyclohexane	50.000	47.522	5.0	68	0.04
32 T	1,1,1-Trichloroethane	50.000	59.642	-19.3	86	0.04
33 S	1,2-Dichloroethane-d4	50.000	52.535	-5.1	76	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.04
35 S	Dibromofluoromethane	50.000	49.848	0.3	69	0.05
36 T	1,1-Dichloropropene	50.000	52.302	-4.6	77	0.04
37 T	Ethyl Acetate	50.000	49.223	1.6	71	0.05
38 T	Carbon Tetrachloride	50.000	56.878	-13.8	82	0.04
39 T	Methylcyclohexane	50.000	47.916	4.2	68	0.03
40 TM	Benzene	50.000	47.874	4.3	71	0.04
41 T	Methacrylonitrile	50.000	50.955	-1.9	77	0.04
42 TM	1,2-Dichloroethane	50.000	57.694	-15.4	84	0.04
43 T	Isopropyl Acetate	50.000	46.849	6.3	69	0.04
44 TM	Trichloroethene	50.000	49.347	1.3	70	0.04
45 C	1,2-Dichloropropane	50.000	48.348	3.3#	71	0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.548	-5.1	77	0.04
47 T	Bromodichloromethane	50.000	55.355	-10.7	81	0.04
48 T	Methyl methacrylate	50.000	51.966	-3.9	78	0.04
49 T	1,4-Dioxane	1000.000	901.806	9.8	67	0.04
50 S	Toluene-d8	50.000	41.912	16.2	57	0.03
51 T	4-Methyl-2-Pentanone	250.000	263.240	-5.3	80	0.04
52 CM	Toluene	50.000	48.114	3.8#	70	0.03
53 T	t-1,3-Dichloropropene	50.000	51.110	-2.2	74	0.03
54 T	cis-1,3-Dichloropropene	50.000	50.696	-1.4	71	0.03
55 T	1,1,2-Trichloroethane	50.000	50.211	-0.4	71	0.03
56 T	Ethyl methacrylate	50.000	47.898	4.2	67	0.03
57 T	1,3-Dichloropropane	50.000	48.339	3.3	66	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	276.798	-10.7	79	0.03
59 T	2-Hexanone	250.000	242.658	2.9	72	0.03
60 T	Dibromochloromethane	50.000	52.224	-4.4	75	0.03
61 T	1,2-Dibromoethane	50.000	51.239	-2.5	76	0.02
62 S	4-Bromofluorobenzene	50.000	43.471	13.1	59	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.02
64 T	Tetrachloroethene	50.000	50.950	-1.9	72	0.04
65 PM	Chlorobenzene	50.000	49.867	0.3	74	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	54.510	-9.0	74	0.02
67 C	Ethyl Benzene	50.000	53.975	-8.0#	75	0.02
68 T	m/p-Xylenes	100.000	102.710	-2.7	69	0.02
69 T	o-Xylene	50.000	50.743	-1.5	70	0.02
70 T	Styrene	50.000	52.463	-4.9	75	0.02
71 P	Bromoform	50.000	57.289	-14.6	78	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.02
73 T	Isopropylbenzene	50.000	48.783	2.4	69	0.00
74 T	N-amyl acetate	50.000	49.126	1.7	71	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.513	3.0	73	0.00
76 T	1,2,3-Trichloropropane	50.000	48.748	2.5	74	0.02
77 T	Bromobenzene	50.000	47.033	5.9	72	0.00
78 T	n-propylbenzene	50.000	49.841	0.3	75	0.02
79 T	2-Chlorotoluene	50.000	52.223	-4.4	76	0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.000	-2.0	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.985	2.0	68	0.00
82 T	4-Chlorotoluene	50.000	49.817	0.4	72	0.00
83 T	tert-Butylbenzene	50.000	50.258	-0.5	71	0.02
84 T	1,2,4-Trimethylbenzene	50.000	53.100	-6.2	77	0.02
85 T	sec-Butylbenzene	50.000	47.251	5.5	68	0.00
86 T	p-Isopropyltoluene	50.000	47.538	4.9	65	0.02
87 T	1,3-Dichlorobenzene	50.000	46.148	7.7	67	0.00
88 T	1,4-Dichlorobenzene	50.000	48.092	3.8	72	0.00
89 T	n-Butylbenzene	50.000	51.971	-3.9	78	0.02

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90 T	Hexachloroethane	50.000	51.073	-2.1	72	0.00
91 T	1,2-Dichlorobenzene	50.000	52.171	-4.3	80	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.580	-15.2	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.304	-14.6	88	0.00
94 T	Hexachlorobutadiene	50.000	55.048	-10.1	81	0.02
95 T	Naphthalene	50.000	53.424	-6.8	76	0.02
96 T	1,2,3-Trichlorobenzene	50.000	66.722	-33.4#	97	0.02

(#) = Out of Range

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