

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063210.D
 Acq On : 29 Jul 2019 20:19
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 30 03:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	44.853	10.3	105	0.00
3 P	Chloromethane	50.000	45.614	8.8	107	0.00
4 C	Vinyl Chloride	50.000	44.819	10.4#	99	0.00
5 T	Bromomethane	50.000	51.722	-3.4	110	0.00
6 T	Chloroethane	50.000	45.084	9.8	99	0.00
7 T	Trichlorofluoromethane	50.000	47.743	4.5	103	0.01
8 T	Diethyl Ether	50.000	45.312	9.4	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.028	3.9	114	0.00
10 T	Methyl Iodide	50.000	50.933	-1.9	103	0.01
11 T	Tert butyl alcohol	250.000	208.323	16.7	102	0.00
12 CM	1,1-Dichloroethene	50.000	47.294	5.4#	108	0.01
13 T	Acrolein	250.000	187.180	25.1#	91	0.00
14 T	Allyl chloride	50.000	44.769	10.5	96	0.00
15 T	Acrylonitrile	250.000	245.348	1.9	116	0.00
16 T	Acetone	250.000	217.157	13.1	94	0.00
17 T	Carbon Disulfide	50.000	45.332	9.3	99	0.00
18 T	Methyl Acetate	50.000	44.167	11.7	107	0.00
19 T	Methyl tert-butyl Ether	50.000	50.002	-0.0	113	0.00
20 T	Methylene Chloride	50.000	45.082	9.8	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.233	1.5	112	0.00
22 T	Diisopropyl ether	50.000	48.830	2.3	107	0.00
23 T	Vinyl Acetate	250.000	239.416	4.2	104	0.00
24 P	1,1-Dichloroethane	50.000	48.306	3.4	106	0.00
25 T	2-Butanone	250.000	209.497	16.2	90	0.00
26 T	2,2-Dichloropropane	50.000	45.891	8.2	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.891	8.2	97	0.00
28 T	Bromochloromethane	50.000	1.734	96.5#	4	0.00
29	Tetrahydrofuran	250.000	228.098	8.8	103	0.01
30 C	Chloroform	50.000	49.079	1.8#	109	0.00
31 T	Cyclohexane	50.000	45.147	9.7	102	0.00
32 T	1,1,1-Trichloroethane	50.000	50.027	-0.1	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.931	4.1	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	56.769	-13.5	112	0.01
36 T	1,1-Dichloropropene	50.000	52.345	-4.7	102	0.00
37 T	Ethyl Acetate	50.000	48.360	3.3	110	0.00
38 T	Carbon Tetrachloride	50.000	58.147	-16.3	109	0.01
39 T	Methylcyclohexane	50.000	49.902	0.2	99	0.00
40 TM	Benzene	50.000	52.074	-4.1	100	0.01
41 T	Methacrylonitrile	50.000	51.453	-2.9	105	0.00
42 TM	1,2-Dichloroethane	50.000	52.825	-5.7	105	0.00
43 T	Isopropyl Acetate	50.000	51.799	-3.6	106	0.00
44 TM	Trichloroethene	50.000	49.449	1.1	99	0.00
45 C	1,2-Dichloropropane	50.000	51.804	-3.6#	104	0.00

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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)
46 T	Dibromomethane	50.000	52.025	-4.0	105	0.00
47 T	Bromodichloromethane	50.000	55.639	-11.3	111	0.00
48 T	Methyl methacrylate	50.000	52.691	-5.4	102	0.00
49 T	1,4-Dioxane	1000.000	1042.802	-4.3	104	0.00
50 S	Toluene-d8	50.000	54.056	-8.1	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.734	-6.7	108	0.00
52 CM	Toluene	50.000	54.344	-8.7#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	52.273	-4.5	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.159	-8.3	105	0.00
55 T	1,1,2-Trichloroethane	50.000	53.465	-6.9	110	0.00
56 T	Ethyl methacrylate	50.000	54.312	-8.6	106	0.00
57 T	1,3-Dichloropropane	50.000	51.830	-3.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.763	2.9	96	0.00
59 T	2-Hexanone	250.000	267.934	-7.2	114	0.00
60 T	Dibromochloromethane	50.000	54.444	-8.9	106	0.00
61 T	1,2-Dibromoethane	50.000	52.847	-5.7	107	0.00
62 S	4-Bromofluorobenzene	50.000	52.625	-5.3	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	49.500	1.0	111	0.00
65 PM	Chlorobenzene	50.000	49.630	0.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.004	-4.0	110	0.00
67 C	Ethyl Benzene	50.000	49.844	0.3#	107	0.00
68 T	m/p-Xylenes	100.000	95.778	4.2	103	0.01
69 T	o-Xylene	50.000	52.012	-4.0	117	0.00
70 T	Styrene	50.000	47.569	4.9	100	0.00
71 P	Bromoform	50.000	49.454	1.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	49.445	1.1	106	0.00
74 T	N-amyl acetate	50.000	49.796	0.4	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.112	5.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	48.523	3.0	101	0.00
77 T	Bromobenzene	50.000	47.975	4.0	106	0.00
78 T	n-propylbenzene	50.000	48.715	2.6	103	0.00
79 T	2-Chlorotoluene	50.000	48.959	2.1	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.108	5.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.223	11.6	93	0.00
82 T	4-Chlorotoluene	50.000	48.822	2.4	111	0.00
83 T	tert-Butylbenzene	50.000	47.549	4.9	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.799	6.4	100	0.00
85 T	sec-Butylbenzene	50.000	44.978	10.0	100	0.00
86 T	p-Isopropyltoluene	50.000	48.755	2.5	110	0.00
87 T	1,3-Dichlorobenzene	50.000	49.105	1.8	110	0.00
88 T	1,4-Dichlorobenzene	50.000	47.281	5.4	103	0.00
89 T	n-Butylbenzene	50.000	50.789	-1.6	108	0.00

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90 T	Hexachloroethane	50.000	48.433	3.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	49.887	0.2	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.846	2.3	131	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.190	5.6	106	0.00
94 T	Hexachlorobutadiene	50.000	49.603	0.8	107	0.00
95 T	Naphthalene	50.000	48.335	3.3	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.161	3.7	109	0.00

(#) = Out of Range

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