

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062764.D
 Acq On : 18 Jun 2019 22:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 06:55:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 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	64	0.01
2 T	Dichlorodifluoromethane	50.000	46.978	6.0	64	0.00
3 P	Chloromethane	50.000	50.208	-0.4	68	0.00
4 C	Vinyl Chloride	50.000	48.512	3.0#	66	0.00
5 T	Bromomethane	50.000	51.877	-3.8	67	0.00
6 T	Chloroethane	50.000	56.974	-13.9	72	0.00
7 T	Trichlorofluoromethane	50.000	56.590	-13.2	73	0.00
8 T	Diethyl Ether	50.000	59.146	-18.3	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.372	-14.7	72	0.00
10 T	Methyl Iodide	50.000	44.199	11.6	63	0.00
11 T	Tert butyl alcohol	250.000	259.138	-3.7	76	0.00
12 CM	1,1-Dichloroethene	50.000	54.961	-9.9#	67	0.00
13 T	Acrolein	250.000	247.201	1.1	67	0.00
14 T	Allyl chloride	50.000	54.021	-8.0	69	0.00
15 T	Acrylonitrile	250.000	292.516	-17.0	76	0.00
16 T	Acetone	250.000	293.295	-17.3	70	0.00
17 T	Carbon Disulfide	50.000	47.285	5.4	61	0.00
18 T	Methyl Acetate	50.000	59.442	-18.9	87	0.00
19 T	Methyl tert-butyl Ether	50.000	58.960	-17.9	75	0.00
20 T	Methylene Chloride	50.000	51.520	-3.0	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.045	-4.1	71	0.00
22 T	Diisopropyl ether	50.000	57.417	-14.8	74	0.00
23 T	Vinyl Acetate	250.000	306.504	-22.6#	74	0.00
24 P	1,1-Dichloroethane	50.000	57.214	-14.4	74	0.00
25 T	2-Butanone	250.000	295.378	-18.2	72	0.00
26 T	2,2-Dichloropropane	50.000	54.597	-9.2	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.943	-13.9	73	0.00
28 T	Bromochloromethane	50.000	57.107	-14.2	75	0.00
29	Tetrahydrofuran	250.000	303.997	-21.6#	77	0.00
30 C	Chloroform	50.000	64.028	-28.1#	83	0.00
31 T	Cyclohexane	50.000	54.945	-9.9	70	0.01
32 T	1,1,1-Trichloroethane	50.000	62.594	-25.2#	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	65.813	-31.6#	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35 S	Dibromofluoromethane	50.000	61.718	-23.4#	86	0.00
36 T	1,1-Dichloropropene	50.000	53.401	-6.8	71	0.00
37 T	Ethyl Acetate	50.000	59.202	-18.4	81	0.00
38 T	Carbon Tetrachloride	50.000	57.950	-15.9	72	0.00
39 T	Methylcyclohexane	50.000	53.349	-6.7	67	0.01
40 TM	Benzene	50.000	58.172	-16.3	75	0.00
41 T	Methacrylonitrile	50.000	65.225	-30.4#	83	0.00
42 TM	1,2-Dichloroethane	50.000	62.818	-25.6#	77	0.00
43 T	Isopropyl Acetate	50.000	61.952	-23.9#	77	0.00
44 TM	Trichloroethene	50.000	59.590	-19.2	75	0.00
45 C	1,2-Dichloropropane	50.000	61.403	-22.8#	74	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	68.026	-36.1#	84	0.01
47 T	Bromodichloromethane	50.000	65.738	-31.5#	85	0.00
48 T	Methyl methacrylate	50.000	64.825	-29.7#	82	0.00
49 T	1,4-Dioxane	1000.000	1162.403	-16.2	73	0.01
50 S	Toluene-d8	50.000	64.189	-28.4#	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	327.064	-30.8#	81	0.00
52 CM	Toluene	50.000	60.978	-22.0#	74	0.00
53 T	t-1,3-Dichloropropene	50.000	66.233	-32.5#	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	64.614	-29.2#	80	0.00
55 T	1,1,2-Trichloroethane	50.000	66.598	-33.2#	85	0.00
56 T	Ethyl methacrylate	50.000	59.681	-19.4	82	0.00
57 T	1,3-Dichloropropane	50.000	61.085	-22.2#	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	285.498	-14.2	84	0.00
59 T	2-Hexanone	250.000	357.048	-42.8#	87	0.00
60 T	Dibromochloromethane	50.000	65.341	-30.7#	79	0.00
61 T	1,2-Dibromoethane	50.000	70.128	-40.3#	85	0.00
62 S	4-Bromofluorobenzene	50.000	67.026	-34.1#	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64 T	Tetrachloroethene	50.000	64.025	-28.1#	83	0.00
65 PM	Chlorobenzene	50.000	53.009	-6.0	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	60.538	-21.1#	80	0.00
67 C	Ethyl Benzene	50.000	57.043	-14.1#	78	0.00
68 T	m/p-Xylenes	100.000	107.359	-7.4	73	0.00
69 T	o-Xylene	50.000	58.919	-17.8	80	0.00
70 T	Styrene	50.000	61.447	-22.9#	82	0.00
71 P	Bromoform	50.000	58.343	-16.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	52.619	-5.2	85	0.00
74 T	N-amyl acetate	50.000	53.675	-7.3	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.143	-18.3	85	0.00
76 T	1,2,3-Trichloropropane	50.000	55.914	-11.8	85	0.00
77 T	Bromobenzene	50.000	54.278	-8.6	80	0.00
78 T	n-propylbenzene	50.000	53.996	-8.0	79	0.00
79 T	2-Chlorotoluene	50.000	51.754	-3.5	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.098	-10.2	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.270	5.5	77	0.00
82 T	4-Chlorotoluene	50.000	57.053	-14.1	89	0.00
83 T	tert-Butylbenzene	50.000	52.516	-5.0	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.201	1.6	69	0.00
85 T	sec-Butylbenzene	50.000	52.073	-4.1	76	0.00
86 T	p-Isopropyltoluene	50.000	55.618	-11.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	57.058	-14.1	82	0.00
88 T	1,4-Dichlorobenzene	50.000	56.680	-13.4	87	0.00
89 T	n-Butylbenzene	50.000	54.069	-8.1	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.109	-10.2	82	0.00
91 T	1,2-Dichlorobenzene	50.000	57.955	-15.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.811	-19.6	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.260	-4.5	86	0.00
94 T	Hexachlorobutadiene	50.000	54.746	-9.5	82	0.00
95 T	Naphthalene	50.000	54.034	-8.1	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	62.782	-25.6#	89	0.00

(#) = Out of Range

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