

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062519\
 Data File : VD062890.D
 Acq On : 25 Jun 2019 20:14
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 07:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	47.682	4.6	86	0.00
3 P	Chloromethane	50.000	47.695	4.6	89	0.00
4 C	Vinyl Chloride	50.000	47.045	5.9#	82	0.00
5 T	Bromomethane	50.000	46.068	7.9	72	0.00
6 T	Chloroethane	50.000	50.100	-0.2	84	0.00
7 T	Trichlorofluoromethane	50.000	54.310	-8.6	95	0.00
8 T	Diethyl Ether	50.000	59.333	-18.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.180	-6.4	96	0.00
10 T	Methyl Iodide	50.000	50.541	-1.1	85	0.00
11 T	Tert butyl alcohol	250.000	236.482	5.4	89	0.02
12 CM	1,1-Dichloroethene	50.000	52.759	-5.5#	95	0.00
13 T	Acrolein	250.000	195.851	21.7#	74	0.00
14 T	Allyl chloride	50.000	53.056	-6.1	90	0.00
15 T	Acrylonitrile	250.000	280.557	-12.2	98	0.00
16 T	Acetone	250.000	272.588	-9.0	97	0.00
17 T	Carbon Disulfide	50.000	47.472	5.1	83	0.00
18 T	Methyl Acetate	50.000	58.666	-17.3	107	0.00
19 T	Methyl tert-butyl Ether	50.000	57.512	-15.0	96	0.00
20 T	Methylene Chloride	50.000	49.872	0.3	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.568	-5.1	92	0.00
22 T	Diisopropyl ether	50.000	53.860	-7.7	95	0.00
23 T	Vinyl Acetate	250.000	279.405	-11.8	97	0.00
24 P	1,1-Dichloroethane	50.000	51.541	-3.1	89	0.00
25 T	2-Butanone	250.000	293.800	-17.5	102	0.00
26 T	2,2-Dichloropropane	50.000	50.559	-1.1	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.965	-9.9	96	0.00
28 T	Bromochloromethane	50.000	49.989	0.0	89	0.00
29	Tetrahydrofuran	250.000	272.305	-8.9	97	0.00
30 C	Chloroform	50.000	54.915	-9.8#	95	0.00
31 T	Cyclohexane	50.000	51.108	-2.2	89	0.00
32 T	1,1,1-Trichloroethane	50.000	52.094	-4.2	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.943	2.1	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	46.375	7.2	90	0.00
36 T	1,1-Dichloropropene	50.000	51.613	-3.2	88	0.00
37 T	Ethyl Acetate	50.000	56.732	-13.5	101	0.00
38 T	Carbon Tetrachloride	50.000	52.769	-5.5	92	0.00
39 T	Methylcyclohexane	50.000	52.523	-5.0	90	0.00
40 TM	Benzene	50.000	55.938	-11.9	96	0.00
41 T	Methacrylonitrile	50.000	52.722	-5.4	93	0.02
42 TM	1,2-Dichloroethane	50.000	57.715	-15.4	98	0.00
43 T	Isopropyl Acetate	50.000	58.347	-16.7	98	0.00
44 TM	Trichloroethene	50.000	56.691	-13.4	97	0.00
45 C	1,2-Dichloropropane	50.000	53.002	-6.0#	94	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.892	-13.8	101	0.00
47 T	Bromodichloromethane	50.000	56.525	-13.0	93	0.00
48 T	Methyl methacrylate	50.000	54.788	-9.6	100	0.00
49 T	1,4-Dioxane	1000.000	1198.448	-19.8	106	0.00
50 S	Toluene-d8	50.000	46.212	7.6	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	301.677	-20.7#	108	0.00
52 CM	Toluene	50.000	53.268	-6.5#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.148	-14.3	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.552	-9.1	93	0.00
55 T	1,1,2-Trichloroethane	50.000	57.136	-14.3	104	0.00
56 T	Ethyl methacrylate	50.000	60.290	-20.6#	104	0.00
57 T	1,3-Dichloropropane	50.000	55.781	-11.6	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	298.088	-19.2	107	0.00
59 T	2-Hexanone	250.000	310.704	-24.3#	107	0.00
60 T	Dibromochloromethane	50.000	57.661	-15.3	100	0.00
61 T	1,2-Dibromoethane	50.000	57.752	-15.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	48.693	2.6	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	57.105	-14.2	102	0.00
65 PM	Chlorobenzene	50.000	55.281	-10.6	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.687	-11.4	96	0.00
67 C	Ethyl Benzene	50.000	55.350	-10.7#	99	0.00
68 T	m/p-Xylenes	100.000	111.715	-11.7	95	0.00
69 T	o-Xylene	50.000	58.014	-16.0	96	0.00
70 T	Styrene	50.000	55.168	-10.3	94	0.00
71 P	Bromoform	50.000	59.224	-18.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	53.607	-7.2	95	0.00
74 T	N-amyl acetate	50.000	59.132	-18.3	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.623	-13.2	104	0.00
76 T	1,2,3-Trichloropropane	50.000	58.294	-16.6	102	0.00
77 T	Bromobenzene	50.000	54.843	-9.7	93	0.00
78 T	n-propylbenzene	50.000	56.635	-13.3	104	0.00
79 T	2-Chlorotoluene	50.000	57.741	-15.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.585	-15.2	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.379	-14.8	101	0.00
82 T	4-Chlorotoluene	50.000	55.959	-11.9	101	0.00
83 T	tert-Butylbenzene	50.000	55.420	-10.8	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.360	-8.7	93	0.00
85 T	sec-Butylbenzene	50.000	53.104	-6.2	96	0.00
86 T	p-Isopropyltoluene	50.000	52.937	-5.9	89	0.00
87 T	1,3-Dichlorobenzene	50.000	54.577	-9.2	95	0.00
88 T	1,4-Dichlorobenzene	50.000	55.052	-10.1	96	0.00
89 T	n-Butylbenzene	50.000	57.553	-15.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.324	-12.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	59.494	-19.0	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.199	-26.4#	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.067	-18.1	107	0.00
94 T	Hexachlorobutadiene	50.000	58.455	-16.9	103	0.00
95 T	Naphthalene	50.000	62.858	-25.7#	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	61.611	-23.2#	110	0.00

(#) = Out of Range

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