

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062978.D
 Acq On : 28 Jun 2019 20:52
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 01:17:02 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	82	-0.04
2 T	Dichlorodifluoromethane	50.000	46.519	7.0	77	-0.02
3 P	Chloromethane	50.000	43.622	12.8	75	0.00
4 C	Vinyl Chloride	50.000	46.915	6.2#	76	0.00
5 T	Bromomethane	50.000	47.807	4.4	69	-0.02
6 T	Chloroethane	50.000	55.444	-10.9	85	-0.02
7 T	Trichlorofluoromethane	50.000	53.002	-6.0	85	-0.02
8 T	Diethyl Ether	50.000	60.009	-20.0#	88	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.685	-1.4	84	-0.04
10 T	Methyl Iodide	50.000	48.833	2.3	76	-0.04
11 T	Tert butyl alcohol	250.000	303.649	-21.5#	106	-0.03
12 CM	1,1-Dichloroethene	50.000	50.301	-0.6#	83	-0.03
13 T	Acrolein	250.000	185.318	25.9#	65	-0.02
14 T	Allyl chloride	50.000	51.465	-2.9	81	-0.03
15 T	Acrylonitrile	250.000	290.450	-16.2	94	-0.03
16 T	Acetone	250.000	288.160	-15.3	94	-0.03
17 T	Carbon Disulfide	50.000	45.527	8.9	73	-0.03
18 T	Methyl Acetate	50.000	71.502	-43.0#	121	-0.03
19 T	Methyl tert-butyl Ether	50.000	60.133	-20.3#	92	-0.04
20 T	Methylene Chloride	50.000	51.509	-3.0	86	-0.04
21 T	trans-1,2-Dichloroethene	50.000	52.801	-5.6	85	-0.04
22 T	Diisopropyl ether	50.000	57.058	-14.1	93	-0.05
23 T	Vinyl Acetate	250.000	286.384	-14.6	91	-0.04
24 P	1,1-Dichloroethane	50.000	53.827	-7.7	86	-0.05
25 T	2-Butanone	250.000	322.543	-29.0#	103	-0.03
26 T	2,2-Dichloropropane	50.000	50.799	-1.6	80	-0.04
27 T	cis-1,2-Dichloroethene	50.000	54.883	-9.8	89	-0.04
28 T	Bromochloromethane	50.000	56.447	-12.9	93	-0.04
29	Tetrahydrofuran	250.000	304.405	-21.8#	100	-0.04
30 C	Chloroform	50.000	58.343	-16.7#	93	-0.04
31 T	Cyclohexane	50.000	48.171	3.7	78	-0.04
32 T	1,1,1-Trichloroethane	50.000	56.684	-13.4	89	-0.03
33 S	1,2-Dichloroethane-d4	50.000	52.348	-4.7	91	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	-0.03
35 S	Dibromofluoromethane	50.000	48.921	2.2	89	-0.04
36 T	1,1-Dichloropropene	50.000	53.629	-7.3	87	-0.04
37 T	Ethyl Acetate	50.000	57.457	-14.9	96	-0.04
38 T	Carbon Tetrachloride	50.000	54.720	-9.4	90	-0.04
39 T	Methylcyclohexane	50.000	50.392	-0.8	82	-0.03
40 TM	Benzene	50.000	52.211	-4.4	85	-0.04
41 T	Methacrylonitrile	50.000	60.094	-20.2#	100	-0.04
42 TM	1,2-Dichloroethane	50.000	61.481	-23.0#	98	-0.03
43 T	Isopropyl Acetate	50.000	60.340	-20.7#	95	-0.03
44 TM	Trichloroethene	50.000	55.627	-11.3	90	-0.03
45 C	1,2-Dichloropropane	50.000	55.144	-10.3#	92	-0.04

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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	60.961	-21.9#	102	-0.03
47 T	Bromodichloromethane	50.000	60.515	-21.0#	94	-0.03
48 T	Methyl methacrylate	50.000	61.494	-23.0#	106	-0.03
49 T	1,4-Dioxane	1000.000	1313.745	-31.4#	109	-0.04
50 S	Toluene-d8	50.000	50.656	-1.3	86	-0.03
51 T	4-Methyl-2-Pentanone	250.000	316.652	-26.7#	107	-0.03
52 CM	Toluene	50.000	57.230	-14.5#	93	-0.03
53 T	t-1,3-Dichloropropene	50.000	59.463	-18.9	98	-0.03
54 T	cis-1,3-Dichloropropene	50.000	57.539	-15.1	93	-0.03
55 T	1,1,2-Trichloroethane	50.000	59.363	-18.7	102	-0.03
56 T	Ethyl methacrylate	50.000	62.414	-24.8#	101	-0.03
57 T	1,3-Dichloropropane	50.000	62.748	-25.5#	103	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	266.345	-6.5	90	-0.03
59 T	2-Hexanone	250.000	335.423	-34.2#	109	-0.03
60 T	Dibromochloromethane	50.000	61.094	-22.2#	100	-0.03
61 T	1,2-Dibromoethane	50.000	63.781	-27.6#	105	-0.03
62 S	4-Bromofluorobenzene	50.000	54.595	-9.2	97	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	-0.03
64 T	Tetrachloroethene	50.000	56.158	-12.3	99	-0.03
65 PM	Chlorobenzene	50.000	53.683	-7.4	90	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	55.173	-10.3	93	-0.02
67 C	Ethyl Benzene	50.000	52.278	-4.6#	92	-0.03
68 T	m/p-Xylenes	100.000	104.439	-4.4	87	-0.02
69 T	o-Xylene	50.000	54.511	-9.0	88	-0.02
70 T	Styrene	50.000	55.935	-11.9	93	-0.02
71 P	Bromoform	50.000	61.173	-22.3#	103	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	-0.02
73 T	Isopropylbenzene	50.000	47.945	4.1	83	-0.02
74 T	N-amyl acetate	50.000	61.890	-23.8#	100	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	62.360	-24.7#	112	-0.02
76 T	1,2,3-Trichloropropane	50.000	61.687	-23.4#	105	-0.02
77 T	Bromobenzene	50.000	58.218	-16.4	96	-0.02
78 T	n-propylbenzene	50.000	53.325	-6.7	95	-0.02
79 T	2-Chlorotoluene	50.000	57.331	-14.7	99	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	58.178	-16.4	102	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	60.221	-20.4#	103	-0.02
82 T	4-Chlorotoluene	50.000	58.112	-16.2	102	-0.02
83 T	tert-Butylbenzene	50.000	50.292	-0.6	86	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.732	-5.5	88	-0.02
85 T	sec-Butylbenzene	50.000	51.902	-3.8	91	-0.02
86 T	p-Isopropyltoluene	50.000	53.297	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	57.628	-15.3	98	-0.02
88 T	1,4-Dichlorobenzene	50.000	53.415	-6.8	91	-0.02
89 T	n-Butylbenzene	50.000	50.729	-1.5	90	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.510	-7.0	88	-0.02
91 T	1,2-Dichlorobenzene	50.000	55.923	-11.8	97	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.603	-23.2#	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.781	-13.6	101	-0.02
94 T	Hexachlorobutadiene	50.000	54.907	-9.8	95	0.00
95 T	Naphthalene	50.000	59.704	-19.4	99	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	58.908	-17.8	102	-0.02

(#) = Out of Range

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