

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064632.D
 Acq On : 27 Dec 2019 08:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 08:42:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	43.115	13.8	66	0.00
3 P	Chloromethane	50.000	52.060	-4.1	81	0.00
4 C	Vinyl Chloride	50.000	47.876	4.2#	76	0.00
5 T	Bromomethane	50.000	51.903	-3.8	84	0.00
6 T	Chloroethane	50.000	52.760	-5.5	80	0.00
7 T	Trichlorofluoromethane	50.000	46.940	6.1	73	0.00
8 T	Diethyl Ether	50.000	55.400	-10.8	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.477	9.0	70	0.00
10 T	Methyl Iodide	50.000	55.160	-10.3	77	0.00
11 T	Tert butyl alcohol	250.000	290.169	-16.1	83	0.00
12 CM	1,1-Dichloroethene	50.000	49.496	1.0#	76	0.00
13 T	Acrolein	250.000	260.916	-4.4	78	0.00
14 T	Allyl chloride	50.000	53.421	-6.8	82	0.00
15 T	Acrylonitrile	250.000	302.854	-21.1#	91	0.00
16 T	Acetone	250.000	227.831	8.9	72	0.00
17 T	Carbon Disulfide	50.000	49.488	1.0	77	0.00
18 T	Methyl Acetate	50.000	57.926	-15.9	90	0.00
19 T	Methyl tert-butyl Ether	50.000	58.734	-17.5	88	0.01
20 T	Methylene Chloride	50.000	63.056	-26.1#	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.083	-6.2	83	0.00
22 T	Diisopropyl ether	50.000	56.828	-13.7	86	0.00
23 T	Vinyl Acetate	250.000	305.826	-22.3#	89	0.00
24 P	1,1-Dichloroethane	50.000	56.137	-12.3	86	0.00
25 T	2-Butanone	250.000	284.710	-13.9	85	0.00
26 T	2,2-Dichloropropane	50.000	44.622	10.8	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.291	-10.6	84	0.00
28 T	Bromochloromethane	50.000	61.870	-23.7#	88	0.00
29 T	Tetrahydrofuran	250.000	308.921	-23.6#	92	0.00
30 C	Chloroform	50.000	57.176	-14.4#	88	0.00
31 T	Cyclohexane	50.000	43.080	13.8	70	0.00
32 T	1,1,1-Trichloroethane	50.000	51.092	-2.2	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.756	-23.5#	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	55.027	-10.1	89	0.00
36 T	1,1-Dichloropropene	50.000	45.160	9.7	76	0.00
37 T	Ethyl Acetate	50.000	54.967	-9.9	89	0.00
38 T	Carbon Tetrachloride	50.000	45.433	9.1	75	0.00
39 T	Methylcyclohexane	50.000	41.621	16.8	68	0.00
40 TM	Benzene	50.000	50.966	-1.9	86	0.00
41 T	Methacrylonitrile	50.000	53.200	-6.4	81	-0.01
42 TM	1,2-Dichloroethane	50.000	53.098	-6.2	89	0.00
43 T	Isopropyl Acetate	50.000	53.637	-7.3	88	0.00
44 TM	Trichloroethene	50.000	49.171	1.7	83	0.00
45 C	1,2-Dichloropropane	50.000	51.723	-3.4#	86	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	53.920	-7.8	88	0.00
47 T	Bromodichloromethane	50.000	52.514	-5.0	87	0.00
48 T	Methyl methacrylate	50.000	54.663	-9.3	85	0.00
49 T	1,4-Dioxane	1000.000	1115.718	-11.6	94	0.01
50 S	Toluene-d8	50.000	53.791	-7.6	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.240	-12.9	93	0.00
52 CM	Toluene	50.000	50.319	-0.6#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	52.759	-5.5	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.741	-1.5	83	0.00
55 T	1,1,2-Trichloroethane	50.000	53.183	-6.4	89	0.00
56 T	Ethyl methacrylate	50.000	54.806	-9.6	89	0.00
57 T	1,3-Dichloropropane	50.000	53.629	-7.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.504	-5.0	92	0.00
59 T	2-Hexanone	250.000	276.571	-10.6	88	0.00
60 T	Dibromochloromethane	50.000	53.159	-6.3	88	0.00
61 T	1,2-Dibromoethane	50.000	53.642	-7.3	89	0.00
62 S	4-Bromofluorobenzene	50.000	54.164	-8.3	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	44.635	10.7	79	0.00
65 PM	Chlorobenzene	50.000	48.916	2.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.840	-1.7	88	0.00
67 C	Ethyl Benzene	50.000	47.340	5.3#	82	0.00
68 T	m/p-Xylenes	100.000	95.204	4.8	81	0.00
69 T	o-Xylene	50.000	49.189	1.6	85	0.00
70 T	Styrene	50.000	50.517	-1.0	87	0.00
71 P	Bromoform	50.000	52.032	-4.1	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	48.278	3.4	80	0.00
74 T	N-amyl acetate	50.000	55.123	-10.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.069	-8.1	91	0.00
76 T	1,2,3-Trichloropropane	50.000	44.763	10.5	88	0.00
77 T	Bromobenzene	50.000	51.480	-3.0	87	0.00
78 T	n-propylbenzene	50.000	47.885	4.2	80	0.00
79 T	2-Chlorotoluene	50.000	49.376	1.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.044	1.9	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.832	4.3	81	0.00
82 T	4-Chlorotoluene	50.000	49.195	1.6	84	0.00
83 T	tert-Butylbenzene	50.000	48.715	2.6	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.899	0.2	83	0.00
85 T	sec-Butylbenzene	50.000	47.045	5.9	78	0.00
86 T	p-Isopropyltoluene	50.000	47.071	5.9	78	0.00
87 T	1,3-Dichlorobenzene	50.000	49.029	1.9	83	0.00
88 T	1,4-Dichlorobenzene	50.000	49.632	0.7	84	0.00
89 T	n-Butylbenzene	50.000	44.435	11.1	74	0.00

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90 T	Hexachloroethane	50.000	48.600	2.8	82	0.00
91 T	1,2-Dichlorobenzene	50.000	50.660	-1.3	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.556	-7.1	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.629	4.7	80	0.00
94 T	Hexachlorobutadiene	50.000	41.879	16.2	71	0.00
95 T	Naphthalene	50.000	53.704	-7.4	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.932	0.1	83	0.00

(#) = Out of Range

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