

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041619\
 Data File : VD061824.D
 Acq On : 16 Apr 2019 22:37
 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: Apr 17 01:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 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	93	-0.04
2 T	Dichlorodifluoromethane	50.000	44.069	11.9	82	-0.02
3 P	Chloromethane	50.000	45.279	9.4	90	-0.02
4 C	Vinyl Chloride	50.000	44.379	11.2#	79	-0.02
5 T	Bromomethane	50.000	57.613	-15.2	93	-0.01
6 T	Chloroethane	50.000	46.600	6.8	73	-0.02
7 T	Trichlorofluoromethane	50.000	42.300	15.4	79	-0.03
8 T	Diethyl Ether	50.000	47.454	5.1	86	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.840	12.3	85	-0.03
10 T	Methyl Iodide	50.000	42.421	15.2	78	-0.03
11 T	Tert butyl alcohol	250.000	238.244	4.7	88	-0.04
12 CM	1,1-Dichloroethene	50.000	43.991	12.0#	84	-0.03
13 T	Acrolein	250.000	326.948	-30.8#	140	-0.03
14 T	Allyl chloride	50.000	46.932	6.1	86	-0.04
15 T	Acrylonitrile	250.000	222.094	11.2	83	-0.04
16 T	Acetone	250.000	201.562	19.4	72	-0.03
17 T	Carbon Disulfide	50.000	43.622	12.8	80	-0.03
18 T	Methyl Acetate	50.000	43.568	12.9	86	-0.04
19 T	Methyl tert-butyl Ether	50.000	45.130	9.7	84	-0.04
20 T	Methylene Chloride	50.000	47.276	5.4	89	-0.03
21 T	trans-1,2-Dichloroethene	50.000	43.465	13.1	80	-0.04
22 T	Diisopropyl ether	50.000	43.899	12.2	80	-0.04
23 T	Vinyl Acetate	250.000	233.949	6.4	86	-0.04
24 P	1,1-Dichloroethane	50.000	44.348	11.3	84	-0.05
25 T	2-Butanone	250.000	226.760	9.3	86	-0.04
26 T	2,2-Dichloropropane	50.000	43.900	12.2	84	-0.04
27 T	cis-1,2-Dichloroethene	50.000	48.052	3.9	91	-0.04
28 T	Bromochloromethane	50.000	53.039	-6.1	102	-0.04
29	Tetrahydrofuran	250.000	247.514	1.0	92	-0.04
30 C	Chloroform	50.000	44.777	10.4#	81	-0.04
31 T	Cyclohexane	50.000	45.825	8.3	81	-0.04
32 T	1,1,1-Trichloroethane	50.000	44.604	10.8	82	-0.04
33 S	1,2-Dichloroethane-d4	50.000	52.330	-4.7	105	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.04
35 S	Dibromofluoromethane	50.000	49.844	0.3	104	-0.04
36 T	1,1-Dichloropropene	50.000	43.212	13.6	84	-0.04
37 T	Ethyl Acetate	50.000	44.554	10.9	87	-0.04
38 T	Carbon Tetrachloride	50.000	47.953	4.1	94	-0.04
39 T	Methylcyclohexane	50.000	43.638	12.7	85	-0.03
40 TM	Benzene	50.000	47.024	6.0	87	-0.04
41 T	Methacrylonitrile	50.000	47.210	5.6	93	-0.04
42 TM	1,2-Dichloroethane	50.000	45.687	8.6	91	-0.04
43 T	Isopropyl Acetate	50.000	48.031	3.9	90	-0.04
44 TM	Trichloroethene	50.000	45.800	8.4	87	-0.04
45 C	1,2-Dichloropropane	50.000	46.428	7.1#	91	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.034	7.9	87	-0.03
47 T	Bromodichloromethane	50.000	46.409	7.2	85	-0.04
48 T	Methyl methacrylate	50.000	43.042	13.9	80	-0.04
49 T	1,4-Dioxane	1000.000	924.506	7.5	84	-0.04
50 S	Toluene-d8	50.000	50.215	-0.4	104	-0.04
51 T	4-Methyl-2-Pentanone	250.000	232.132	7.1	90	-0.04
52 CM	Toluene	50.000	44.921	10.2#	90	-0.04
53 T	t-1,3-Dichloropropene	50.000	43.965	12.1	81	-0.04
54 T	cis-1,3-Dichloropropene	50.000	43.229	13.5	81	-0.04
55 T	1,1,2-Trichloroethane	50.000	47.139	5.7	92	-0.04
56 T	Ethyl methacrylate	50.000	47.495	5.0	98	-0.04
57 T	1,3-Dichloropropane	50.000	45.777	8.4	92	-0.04
58 T	2-Chloroethyl Vinyl ether	250.000	220.881	11.6	100	-0.04
59 T	2-Hexanone	250.000	225.045	10.0	89	-0.03
60 T	Dibromochloromethane	50.000	48.196	3.6	87	-0.03
61 T	1,2-Dibromoethane	50.000	46.196	7.6	88	-0.03
62 S	4-Bromofluorobenzene	50.000	49.075	1.8	107	-0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	-0.03
64 T	Tetrachloroethene	50.000	44.647	10.7	86	-0.04
65 PM	Chlorobenzene	50.000	44.739	10.5	87	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	45.453	9.1	89	-0.02
67 C	Ethyl Benzene	50.000	46.682	6.6#	96	-0.03
68 T	m/p-Xylenes	100.000	89.894	10.1	84	-0.03
69 T	o-Xylene	50.000	45.461	9.1	96	-0.03
70 T	Styrene	50.000	44.129	11.7	89	-0.03
71 P	Bromoform	50.000	49.650	0.7	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	-0.02
73 T	Isopropylbenzene	50.000	44.279	11.4	87	-0.02
74 T	N-amyl acetate	50.000	45.903	8.2	91	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	48.774	2.5	87	-0.02
76 T	1,2,3-Trichloropropane	50.000	48.146	3.7	87	-0.03
77 T	Bromobenzene	50.000	47.997	4.0	89	-0.03
78 T	n-propylbenzene	50.000	50.300	-0.6	91	-0.02
79 T	2-Chlorotoluene	50.000	46.191	7.6	88	-0.03
80 T	1,3,5-Trimethylbenzene	50.000	43.938	12.1	90	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	40.731	18.5	81	-0.02
82 T	4-Chlorotoluene	50.000	43.194	13.6	87	-0.03
83 T	tert-Butylbenzene	50.000	45.651	8.7	83	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	44.504	11.0	80	-0.02
85 T	sec-Butylbenzene	50.000	48.411	3.2	91	-0.02
86 T	p-Isopropyltoluene	50.000	39.585	20.8#	74	-0.03
87 T	1,3-Dichlorobenzene	50.000	47.454	5.1	88	-0.02
88 T	1,4-Dichlorobenzene	50.000	45.941	8.1	85	-0.02
89 T	n-Butylbenzene	50.000	45.658	8.7	87	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.634	4.7	84	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.818	2.4	93	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.344	3.3	86	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	42.560	14.9	82	-0.02
94 T	Hexachlorobutadiene	50.000	45.771	8.5	84	-0.03
95 T	Naphthalene	50.000	46.066	7.9	79	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	43.443	13.1	79	-0.02

(#) = Out of Range

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