

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061621\  
 Data File : VX022724.D  
 Acq On : 16 Jun 2021 16:45  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 17 02:48:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	76	-0.01
2 T	Dichlorodifluoromethane	50.000	44.602	10.8	65	0.00
3 P	Chloromethane	50.000	44.981	10.0	69	0.00
4 C	Vinyl Chloride	50.000	43.548	12.9#	67	0.00
5 T	Bromomethane	50.000	43.012	14.0	68	0.00
6 T	Chloroethane	50.000	48.943	2.1	74	0.00
7 T	Trichlorofluoromethane	50.000	45.318	9.4	69	0.00
8 T	Diethyl Ether	50.000	53.812	-7.6	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.948	4.1	73	0.00
10 T	Methyl Iodide	50.000	41.239	17.5	60	0.00
11 T	Tert butyl alcohol	250.000	260.693	-4.3	84	0.00
12 CM	1,1-Dichloroethene	50.000	46.895	6.2#	73	0.00
13 T	Acrolein	250.000	272.044	-8.8	90	0.00
14 T	Allyl chloride	50.000	52.679	-5.4	78	0.00
15 T	Acrylonitrile	250.000	305.284	-22.1	90	0.00
16 T	Acetone	250.000	279.844	-11.9	88	0.00
17 T	Carbon Disulfide	50.000	42.920	14.2	65	0.00
18 T	Methyl Acetate	50.000	58.063	-16.1	94	0.00
19 T	Methyl tert-butyl Ether	50.000	56.305	-12.6	84	0.00
20 T	Methylene Chloride	50.000	52.848	-5.7	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.795	2.4	74	0.00
22 T	Diisopropyl ether	50.000	54.725	-9.5	82	0.00
23 T	Vinyl Acetate	250.000	281.254	-12.5	81	0.00
24 P	1,1-Dichloroethane	50.000	51.891	-3.8	80	0.00
25 T	2-Butanone	250.000	295.218	-18.1	88	0.00
26 T	2,2-Dichloropropane	50.000	52.025	-4.0	77	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.000	-4.0	79	0.00
28 T	Bromochloromethane	50.000	53.982	-8.0	82	0.00
29 T	Tetrahydrofuran	250.000	297.026	-18.8	89	0.00
30 C	Chloroform	50.000	53.175	-6.3#	80	0.00
31 T	Cyclohexane	50.000	42.894	14.2	67	0.00
32 T	1,1,1-Trichloroethane	50.000	47.661	4.7	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.744	-5.5	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	51.227	-2.5	86	0.00
36 T	1,1-Dichloropropene	50.000	45.128	9.7	73	0.00
37 T	Ethyl Acetate	50.000	55.471	-10.9	89	0.00
38 T	Carbon Tetrachloride	50.000	47.610	4.8	73	0.00
39 T	Methylcyclohexane	50.000	43.960	12.1	69	0.00
40 TM	Benzene	50.000	50.448	-0.9	78	-0.01
41 T	Methacrylonitrile	50.000	56.769	-13.5	86	0.00
42 TM	1,2-Dichloroethane	50.000	53.544	-7.1	84	-0.01
43 T	Isopropyl Acetate	50.000	56.867	-13.7	87	0.00
44 TM	Trichloroethene	50.000	49.606	0.8	78	0.00
45 C	1,2-Dichloropropane	50.000	51.892	-3.8#	81	0.00
46 T	Dibromomethane	50.000	51.654	-3.3	84	0.00
47 T	Bromodichloromethane	50.000	49.186	1.6	82	0.00
48 T	Methyl methacrylate	50.000	55.295	-10.6	85	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1165.650	-16.6	88	0.00
50 S	Toluene-d8	50.000	49.485	1.0	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.426	-18.6	89	0.00
52 CM	Toluene	50.000	49.691	0.6#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	47.566	4.9	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.564	2.9	81	0.00
55 T	1,1,2-Trichloroethane	50.000	54.742	-9.5	85	0.00
56 T	Ethyl methacrylate	50.000	50.016	-0.0	84	0.00
57 T	1,3-Dichloropropane	50.000	55.767	-11.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.690	-9.5	84	0.00
59 T	2-Hexanone	250.000	297.850	-19.1	89	0.00
60 T	Dibromochloromethane	50.000	48.057	3.9	81	0.00
61 T	1,2-Dibromoethane	50.000	56.187	-12.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	51.493	-3.0	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	52.188	-4.4	83	0.00
65 PM	Chlorobenzene	50.000	49.231	1.5	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.458	3.1	83	0.00
67 C	Ethyl Benzene	50.000	49.117	1.8#	77	0.00
68 T	m/p-Xylenes	100.000	97.325	2.7	75	0.00
69 T	o-Xylene	50.000	51.017	-2.0	79	0.00
70 T	Styrene	50.000	48.097	3.8	81	0.00
71 P	Bromoform	50.000	46.849	6.3	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	48.073	3.9	76	0.00
74 T	N-ethyl acetate	50.000	54.377	-8.8	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.990	-10.0	84	0.00
76 T	1,2,3-Trichloropropane	50.000	56.849	-13.7	87	0.00
77 T	Bromobenzene	50.000	51.375	-2.8	82	0.00
78 T	n-propylbenzene	50.000	47.797	4.4	74	0.00
79 T	2-Chlorotoluene	50.000	49.886	0.2	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.252	1.5	75	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.819	2.4	84	0.00
82 T	4-Chlorotoluene	50.000	49.873	0.3	78	0.00
83 T	tert-Butylbenzene	50.000	47.732	4.5	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.451	-0.9	78	0.00
85 T	sec-Butylbenzene	50.000	46.329	7.3	72	0.00
86 T	p-Isopropyltoluene	50.000	47.821	4.4	74	0.00
87 T	1,3-Dichlorobenzene	50.000	49.881	0.2	79	0.00
88 T	1,4-Dichlorobenzene	50.000	50.380	-0.8	81	0.00
89 T	n-Butylbenzene	50.000	46.668	6.7	71	0.00
90 T	Hexachloroethane	50.000	42.323	15.4	75	0.00
91 T	1,2-Dichlorobenzene	50.000	51.904	-3.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.554	-3.1	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.335	-0.7	79	0.00
94 T	Hexachlorobutadiene	50.000	42.318	15.4	67	0.00
95 T	Naphthalene	50.000	50.221	-0.4	82	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	52.362	-4.7	79	0.00

(#) = Out of Range

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