

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX042523\
 Data File : VX035270.D
 Acq On : 25 Apr 2023 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 09:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	56.262	-12.5	112	0.00
3 P	Chloromethane	50.000	37.807	24.4	73	0.00
4 C	Vinyl Chloride	50.000	38.896	22.2#	76	0.00
5 T	Bromomethane	50.000	39.926	20.1	78	0.00
6 T	Chloroethane	50.000	34.617	30.8#	69	0.00
7 T	Trichlorofluoromethane	50.000	37.855	24.3	74	0.00
8 T	Diethyl Ether	50.000	38.632	22.7	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.110	-0.2	97	0.00
10 T	Methyl Iodide	50.000	51.376	-2.8	95	0.00
11 T	Tert butyl alcohol	250.000	111.579	55.4#	42	0.03
12 CM	1,1-Dichloroethene	50.000	47.555	4.9#	93	0.00
13 T	Acrolein	250.000	98.555	60.6#	38	0.00
14 T	Allyl chloride	50.000	42.519	15.0	82	0.00
15 T	Acrylonitrile	250.000	218.402	12.6	83	0.00
16 T	Acetone	250.000	222.549	11.0	85	0.01
17 T	Carbon Disulfide	50.000	45.584	8.8	86	0.00
18 T	Methyl Acetate	50.000	44.359	11.3	86	0.00
19 T	Methyl tert-butyl Ether	50.000	44.045	11.9	85	0.00
20 T	Methylene Chloride	50.000	45.750	8.5	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.765	4.5	92	0.00
22 T	Diisopropyl ether	50.000	42.613	14.8	82	0.00
23 T	Vinyl Acetate	250.000	212.624	15.0	77	0.00
24 P	1,1-Dichloroethane	50.000	44.445	11.1	85	0.00
25 T	2-Butanone	250.000	211.458	15.4	78	0.00
26 T	2,2-Dichloropropane	50.000	43.346	13.3	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.051	5.9	92	0.00
28 T	Bromochloromethane	50.000	37.937	24.1	72	0.00
29 T	Tetrahydrofuran	250.000	201.234	19.5	75	0.00
30 C	Chloroform	50.000	44.758	10.5#	85	0.00
31 T	Cyclohexane	50.000	46.851	6.3	87	0.00
32 T	1,1,1-Trichloroethane	50.000	46.393	7.2	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	36.857	26.3#	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	45.800	8.4	79	0.00
36 T	1,1-Dichloropropene	50.000	48.214	3.6	86	0.00
37 T	Ethyl Acetate	50.000	43.272	13.5	74	0.00
38 T	Carbon Tetrachloride	50.000	52.389	-4.8	90	0.00
39 T	Methylcyclohexane	50.000	57.931	-15.9	103	0.00
40 TM	Benzene	50.000	49.056	1.9	88	0.00
41 T	Methacrylonitrile	50.000	46.511	7.0	79	0.00
42 TM	1,2-Dichloroethane	50.000	44.021	12.0	78	0.00
43 T	Isopropyl Acetate	50.000	43.168	13.7	75	0.00
44 TM	Trichloroethene	50.000	53.280	-6.6	95	0.00
45 C	1,2-Dichloropropane	50.000	48.612	2.8#	86	0.00
46 T	Dibromomethane	50.000	48.493	3.0	85	0.00
47 T	Bromodichloromethane	50.000	50.231	-0.5	85	0.00
48 T	Methyl methacrylate	50.000	43.747	12.5	75	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	862.176	13.8	75	0.02
50 S	Toluene-d8	50.000	44.332	11.3	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.046	12.4	75	0.00
52 CM	Toluene	50.000	48.370	3.3#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	51.647	-3.3	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.815	-3.6	85	0.00
55 T	1,1,2-Trichloroethane	50.000	50.674	-1.3	88	0.00
56 T	Ethyl methacrylate	50.000	49.573	0.9	82	0.00
57 T	1,3-Dichloropropane	50.000	48.530	2.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.708	8.1	77	0.00
59 T	2-Hexanone	250.000	228.975	8.4	77	0.00
60 T	Dibromochloromethane	50.000	56.222	-12.4	92	0.00
61 T	1,2-Dibromoethane	50.000	51.231	-2.5	88	0.00
62 S	4-Bromofluorobenzene	50.000	44.999	10.0	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	54.928	-9.9	98	0.00
65 PM	Chlorobenzene	50.000	51.958	-3.9	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.171	-12.3	91	0.00
67 C	Ethyl Benzene	50.000	50.923	-1.8#	88	0.00
68 T	m/p-Xylenes	100.000	104.217	-4.2	91	0.00
69 T	o-Xylene	50.000	51.849	-3.7	90	0.00
70 T	Styrene	50.000	54.465	-8.9	91	0.00
71 P	Bromoform	50.000	60.981	-22.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	50.561	-1.1	92	0.00
74 T	N-amyl acetate	50.000	43.045	13.9	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.873	8.3	84	0.00
76 T	1,2,3-Trichloropropane	50.000	59.229	-18.5	108	0.00
77 T	Bromobenzene	50.000	49.960	0.1	94	0.00
78 T	n-propylbenzene	50.000	50.740	-1.5	92	0.00
79 T	2-Chlorotoluene	50.000	47.919	4.2	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.921	-1.8	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.376	5.2	81	0.00
82 T	4-Chlorotoluene	50.000	47.519	5.0	87	0.00
83 T	tert-Butylbenzene	50.000	54.021	-8.0	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.351	-0.7	91	0.00
85 T	sec-Butylbenzene	50.000	55.467	-10.9	100	0.00
86 T	p-Isopropyltoluene	50.000	57.724	-15.4	103	0.00
87 T	1,3-Dichlorobenzene	50.000	52.116	-4.2	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.025	-0.0	92	0.00
89 T	n-Butylbenzene	50.000	56.585	-13.2	100	0.00
90 T	Hexachloroethane	50.000	61.639	-23.3	102	0.00
91 T	1,2-Dichlorobenzene	50.000	51.128	-2.3	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.189	7.6	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.073	-22.1	108	0.00
94 T	Hexachlorobutadiene	50.000	59.086	-18.2	116	0.00
95 T	Naphthalene	50.000	51.723	-3.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.331	-16.7	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6