

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051523\  
 Data File : VN077681.D  
 Acq On : 15 May 2023 21:10  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN051523

Quant Time: May 16 04:08:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.569	0.566	0.5	88	0.00
3 P	Chloromethane	0.682	0.592	13.2	90	0.00
4 C	Vinyl Chloride	0.717	0.710	1.0#	91	0.00
5 T	Bromomethane	0.531	0.480	9.6	89	0.00
6 T	Chloroethane	0.517	0.482	6.8	90	0.00
7 T	Trichlorofluoromethane	1.000	0.986	1.4	92	0.00
8 T	Diethyl Ether	0.365	0.351	3.8	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.525	5.1	90	0.00
10 T	Methyl Iodide	0.660	0.684	-3.6	96	0.00
11 T	Tert butyl alcohol	0.103	0.101	1.9	94	0.00
12 CM	1,1-Dichloroethene	0.526	0.512	2.7#	91	0.00
13 T	Acrolein	0.073	0.070	4.1	95	0.00
14 T	Allyl chloride	0.773	0.727	6.0	94	0.00
15 T	Acrylonitrile	0.276	0.271	1.8	94	0.00
16 T	Acetone	0.235	0.219	6.8	93	0.00
17 T	Carbon Disulfide	1.417	1.285	9.3	89	0.00
18 T	Methyl Acetate	0.987	0.976	1.1	95	0.00
19 T	Methyl tert-butyl Ether	1.904	1.859	2.4	91	0.00
20 T	Methylene Chloride	0.705	0.625	11.3	95	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.567	4.1	91	0.00
22 T	Diisopropyl ether	1.811	1.793	1.0	94	0.00
23 T	Vinyl Acetate	1.122	1.092	2.7	91	0.00
24 P	1,1-Dichloroethane	1.109	1.114	-0.5	94	0.00
25 T	2-Butanone	0.368	0.356	3.3	94	0.00
26 T	2,2-Dichloropropane	0.943	0.868	8.0	81	0.00
27 T	cis-1,2-Dichloroethene	0.708	0.700	1.1	92	0.00
28 T	Bromochloromethane	0.480	0.494	-2.9	96	0.00
29 T	Tetrahydrofuran	0.241	0.240	0.4	97	0.00
30 C	Chloroform	1.220	1.184	3.0#	94	0.00
31 T	Cyclohexane	1.017	0.969	4.7	94	0.00
32 T	1,1,1-Trichloroethane	1.038	1.039	-0.1	92	0.00
33 S	1,2-Dichloroethane-d4	0.748	0.767	-2.5	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.326	0.329	-0.9	92	0.00
36 T	1,1-Dichloropropene	0.477	0.473	0.8	91	0.00
37 T	Ethyl Acetate	0.425	0.406	4.5	94	0.00
38 T	Carbon Tetrachloride	0.482	0.489	-1.5	92	0.00
39 T	Methylcyclohexane	0.584	0.588	-0.7	92	0.00
40 TM	Benzene	1.407	1.402	0.4	93	0.00
41 T	Methacrylonitrile	0.226	0.222	1.8	96	0.00
42 TM	1,2-Dichloroethane	0.511	0.505	1.2	95	0.00
43 T	Isopropyl Acetate	0.694	0.687	1.0	94	0.00
44 TM	Trichloroethene	0.356	0.349	2.0	92	0.00
45 C	1,2-Dichloropropane	0.359	0.364	-1.4#	94	0.00
46 T	Dibromomethane	0.257	0.247	3.9	93	0.00
47 T	Bromodichloromethane	0.492	0.495	-0.6	92	0.00
48 T	Methyl methacrylate	0.329	0.335	-1.8	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051523\  
 Data File : VN077681.D  
 Acq On : 15 May 2023 21:10  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN051523

Quant Time: May 16 04:08:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	95	0.00
50 S	Toluene-d8	1.255	1.276	-1.7	93	0.00
51 T	4-Methyl-2-Pentanone	0.413	0.419	-1.5	95	0.00
52 CM	Toluene	0.876	0.887	-1.3#	92	0.00
53 T	t-1,3-Dichloropropene	0.521	0.521	0.0	90	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.568	1.0	89	0.00
55 T	1,1,2-Trichloroethane	0.348	0.349	-0.3	95	0.00
56 T	Ethyl methacrylate	0.526	0.539	-2.5	94	0.00
57 T	1,3-Dichloropropane	0.596	0.596	0.0	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.259	0.267	-3.1	96	0.00
59 T	2-Hexanone	0.305	0.309	-1.3	95	0.00
60 T	Dibromochloromethane	0.359	0.360	-0.3	90	0.00
61 T	1,2-Dibromoethane	0.347	0.353	-1.7	91	0.00
62 S	4-Bromofluorobenzene	0.443	0.444	-0.2	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.350	0.351	-0.3	97	0.00
65 PM	Chlorobenzene	1.084	1.046	3.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.369	1.6	89	0.00
67 C	Ethyl Benzene	1.942	1.928	0.7#	92	0.00
68 T	m/p-Xylenes	0.736	0.727	1.2	92	0.00
69 T	o-Xylene	0.724	0.720	0.6	92	0.00
70 T	Styrene	1.150	1.169	-1.7	93	0.00
71 P	Bromoform	0.250	0.256	-2.4	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.310	4.336	-0.6	92	0.00
74 T	N-acyl acetate	1.593	1.520	4.6	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.326	1.246	6.0	91	0.00
76 T	1,2,3-Trichloropropane	1.252	1.224	2.2	94	0.00
77 T	Bromobenzene	0.984	0.904	8.1	89	0.00
78 T	n-propylbenzene	5.081	5.022	1.2	92	0.00
79 T	2-Chlorotoluene	3.032	2.987	1.5	93	0.00
80 T	1,3,5-Trimethylbenzene	3.622	3.600	0.6	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.392	0.383	2.3	91	0.00
82 T	4-Chlorotoluene	3.017	2.873	4.8	92	0.00
83 T	tert-Butylbenzene	3.162	3.107	1.7	91	0.00
84 T	1,2,4-Trimethylbenzene	3.563	3.545	0.5	93	0.00
85 T	sec-Butylbenzene	4.494	4.442	1.2	90	0.00
86 T	p-Isopropyltoluene	3.583	3.624	-1.1	91	0.00
87 T	1,3-Dichlorobenzene	1.819	1.705	6.3	90	0.00
88 T	1,4-Dichlorobenzene	1.805	1.685	6.6	90	0.00
89 T	n-Butylbenzene	3.296	3.227	2.1	90	0.00
90 T	Hexachloroethane	0.589	0.608	-3.2	90	0.00
91 T	1,2-Dichlorobenzene	1.699	1.653	2.7	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.257	0.249	3.1	93	0.00
93 T	1,2,4-Trichlorobenzene	0.993	0.884	11.0	85	0.00
94 T	Hexachlorobutadiene	0.412	0.385	6.6	85	0.00
95 T	Naphthalene	3.418	3.034	11.2	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051523\  
Data File : VN077681.D  
Acq On : 15 May 2023 21:10  
Operator : JC\MD  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN051523

Quant Time: May 16 04:08:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.972	0.876	9.9	84	0.00

(#) = Out of Range

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