

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO62520\
 Data File : VX016953.D
 Acq On : 25 Jun 2020 14:52
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

Quant Time: Jun 26 09:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	114	-0.01
2 M	Dichlorodifluoromethane	1.459	1.686	-15.6	152#	0.00
3 M	Chloromethane	1.978	1.964	0.7	114	0.00
4 M	Vinyl Chloride	2.017	1.975	2.1	115	0.00
5 M	Bromomethane	1.453	1.558	-7.2	118	0.00
6 M	Chloroethane	1.301	1.262	3.0	114	0.00
7 M	Trichlorofluoromethane	3.281	3.227	1.6	118	0.00
8 T	Diethyl Ether	1.194	1.160	2.8	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.741	1.735	0.3	119	0.00
10 M	1,1-Dichloroethene	1.717	1.697	1.2	117	0.00
11	Methyl Iodide	2.293	2.072	9.6	123	0.00
12	Methyl Acetate	2.166	1.952	9.9	107	0.00
13 M	Acrolein	0.342	0.294	14.0	105	0.00
14 M	Acrylonitrile	1.026	0.938	8.6	106	0.00
15 M	Acetone	0.266	0.229	13.9	101	0.00
16 M	Carbon Disulfide	5.399	5.494	-1.8	121	0.00
17	Allyl chloride	3.215	3.133	2.6	112	0.00
18 M	Methylene Chloride	2.069	1.996	3.5	115	0.00
19 M	trans-1,2-Dichloroethene	1.946	1.958	-0.6	120	0.00
20 T	Diisopropyl ether	6.425	6.154	4.2	113	0.00
21 M	1,1-Dichloroethane	3.543	3.424	3.4	113	0.00
22 M	cis-1,2-Dichloroethene	2.166	2.142	1.1	117	-0.01
23 M	tert-Butyl Alcohol	0.455	0.410	9.9	105	0.00
24 M	Methyl tert-Butyl Ether	6.132	5.930	3.3	114	0.00
25 M	Chloroform	3.592	3.466	3.5	114	0.00
26	Cyclohexane	3.091	2.993	3.2	114	0.00
27 s	1,2-Dichloroethane-d4	2.335	2.264	3.0	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
29	1,1-Dichloropropene	0.489	0.477	2.5	118	0.00
30 M	2-Butanone	0.255	0.222	12.9	102	0.00
31	2,2-Dichloropropane	0.560	0.553	1.3	117	0.00
32 M	1,1,1-Trichloroethane	0.591	0.563	4.7	115	0.00
33 M	Carbon Tetrachloride	0.524	0.507	3.2	117	0.00
34 M	Benzene	1.423	1.368	3.9	115	0.00
35	Methacrylonitrile	0.281	0.242	13.9	102	0.00
36 M	1,2-Dichloroethane	0.545	0.512	6.1	113	0.00
37 M	Trichloroethene	0.388	0.385	0.8	118	0.00
38	Methylcyclohexane	0.557	0.544	2.3	121	0.00
39 M	1,2-Dichloropropane	0.371	0.344	7.3	113	0.00
40	Dibromomethane	0.256	0.239	6.6	112	0.00
41 M	Bromodichloromethane	0.529	0.503	4.9	113	0.00
42 M	Vinyl Acetate	1.027	0.961	6.4	112	0.00
43	Ethyl Acetate	0.528	0.469	11.2	106	0.00
44	Isopropyl Acetate	0.870	0.782	10.1	109	-0.01
45 T	1,4-Dioxane	0.009	0.009#	0.0	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.402	0.371	7.7	111	0.00
47	n-amyl Acetate	0.769	0.688	10.5	113	0.00
48 M	t-1,3-Dichloropropene	0.585	0.559	4.4	120	0.00
49 T	cis-1,3-Dichloropropene	0.615	0.591	3.9	116	0.00
50 M	1,1,2-Trichloroethane	0.357	0.337	5.6	115	0.00
51	Ethyl methacrylate	0.547	0.505	7.7	113	0.00
52	1,3-Dichloropropane	0.612	0.584	4.6	111	0.00
53 M	Dibromochloromethane	0.410	0.382	6.8	115	0.00
54 M	1,2-Dibromoethane	0.378	0.355	6.1	115	0.00
55 M	2-Chloroethyl vinyl ether	0.288	0.282	2.1	118	0.00
56 M	Bromoform	0.291	0.261	10.3	114	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	0.553	0.495	10.5	105	0.00
59 M	2-Hexanone	0.412	0.370	10.2	105	0.00
60 S	4-Bromofluorobenzene	0.500	0.486	2.8	114	0.00
61 M	Tetrachloroethene	0.383	0.374	2.3	118	0.00
62 M	Toluene	1.641	1.621	1.2	117	0.00
63 S	Toluene-d8	1.322	1.331	-0.7	115	0.00
64 M	Chlorobenzene	1.028	1.004	2.3	118	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.380	1.8	117	0.00
66 M	Ethyl Benzene	1.820	1.777	2.4	117	0.00
67 M	m/p-Xylenes	0.686	0.679	1.0	120	0.00
68 M	o-Xylene	0.659	0.627	4.9	114	0.00
69 M	Styrene	1.129	1.079	4.4	118	0.00
70	Isopropylbenzene	1.788	1.734	3.0	119	0.00
71 M	1,1,2,2-Tetrachloroethane	0.549	0.522	4.9	116	0.00
72	1,2,3-Trichloropropane	0.527	0.506	4.0	112	0.00
73	Bromobenzene	0.451	0.433	4.0	115	0.00
74	n-propylbenzene	2.123	2.067	2.6	120	0.00
75	2-Chlorotoluene	1.238	1.183	4.4	119	0.00
76	1,3,5-Trimethylbenzene	1.501	1.441	4.0	118	0.00
77	t-1,4-Dichloro-2-butene	0.214	0.189	11.7	111	0.00
78	4-Chlorotoluene	1.466	1.422	3.0	120	0.00
79	tert-butylbenzene	1.438	1.393	3.1	119	0.00
80	1,2,4-Trimethylbenzene	1.507	1.458	3.3	118	0.00
81	sec-Butylbenzene	1.741	1.682	3.4	119	0.00
82	p-Isopropyltoluene	1.572	1.530	2.7	120	0.00
83 M	1,3-Dichlorobenzene	0.809	0.819	-1.2	123	0.00
84 M	1,4-Dichlorobenzene	0.813	0.824	-1.4	124	0.00
85	n-Butylbenzene	1.455	1.440	1.0	123	0.00
86 T	Hexachloroethane	0.308	0.285	7.5	113	0.00
87 M	1,2-Dichlorobenzene	0.757	0.758	-0.1	121	0.00
88	1,2-Dibromo-3-Chloropropane	0.125	0.110	12.0	105	0.00
89	1,2,4-Trichlorobenzene	0.511	0.514	-0.6	127	0.00
90	Hexachlorobutadiene	0.194	0.211	-8.8	138	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.674	1.618	3.3	118	0.00
92	1,2,3-Trichlorobenzene	0.498	0.514	-3.2	128	0.00

(#) = Out of Range

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