

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039401.D
 Acq On : 29 Jun 2022 17:30
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922

Quant Time: Jun 30 05:42:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
 QLast Update : Thu Jun 30 05:40:11 2022
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	1.442	1.222	15.3	107	0.00
3	Chlorodifluoromethane	1.269	1.111	12.5	106	0.00
4	Chloromethane	0.694	0.626	9.8	106	0.00
5 T	Vinyl Chloride	0.684	0.568	17.0	105	0.00
6 T	Bromomethane	0.288	0.265	8.0	107	0.00
7	Chloroethane	0.243	0.215	11.5	103	0.00
8 T	Dichlorotetrafluoroethane	1.576	1.399	11.2	105	0.00
9 T	Propene	0.573	0.518	9.6	111	0.00
10 T	Heptane	1.342	1.279	4.7	105	0.00
11 T	Trichlorofluoromethane	1.607	1.393	13.3	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.198	1.008	15.9	99	0.00
13	Ethanol	0.033	0.037#	-12.1	134	0.00
14 T	Bromoethene	0.504	0.455	9.7	104	0.00
15 T	Acetone	1.183	1.047	11.5	104	0.00
16 T	1,3-Butadiene	0.614	0.570	7.2	106	0.00
17	tert-Butyl alcohol	1.004	0.999	0.5	105	0.00
18 T	1,1-Dichloroethene	0.543	0.486	10.5	104	0.00
19 T	Isopropyl Alcohol	0.631	0.542	14.1	96	0.00
20 T	Methylene Chloride	0.472	0.392	16.9	103	0.00
21 T	Allyl Chloride	0.819	0.760	7.2	107	0.00
22 T	trans-1,2-Dichloroethene	0.525	0.468	10.9	98	0.00
23 T	Vinyl Acetate	0.791	0.810	-2.4	113	0.00
24 T	1,1-Dichloroethane	1.117	1.074	3.8	114	0.00
25 T	Ethyl Acetate	2.426	2.297	5.3	107	0.00
26 T	Hexane	0.978	0.984	-0.6	107	0.00
27 T	Carbon Disulfide	1.180	1.158	1.9	105	0.00
28 T	Methyl tert-Butyl Ether	1.046	1.053	-0.7	125	0.00
29 T	Chloroform	1.700	1.511	11.1	103	0.00
30 T	Cyclohexane	0.890	0.837	6.0	105	0.00
31 T	cis-1,2-Dichloroethene	1.038	0.975	6.1	106	0.00
32 T	1,1,1-Trichloroethane	1.678	1.502	10.5	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.503	0.500	0.6	106	0.00
35 T	Carbon Tetrachloride	0.618	0.579	6.3	100	0.00
36 T	Benzene	0.774	0.737	4.8	105	0.00
37 T	1,2-Dichloroethane	0.457	0.409	10.5	100	0.00
38 T	Trichloroethene	0.419	0.389	7.2	104	0.00
39 T	1,2-Dichloropropane	0.289	0.275	4.8	105	0.00
40 T	1,4-Dioxane	0.115	0.110	4.3	102	0.00
41 T	Tetrahydrofuran	0.292	0.302	-3.4	109	0.00
42 T	Bromodichloromethane	0.616	0.599	2.8	104	0.00
43	Methyl Methacrylate	0.294	0.304	-3.4	106	0.00
44 T	2,2,4-Trimethylpentane	1.312	1.234	5.9	105	0.00
45 T	t-1,3-Dichloropropene	0.262	0.316	-20.6	106	0.00
46 T	cis-1,3-Dichloropropene	0.361	0.405	-12.2	105	0.00
47 T	1,1,2-Trichloroethane	0.324	0.307	5.2	104	0.00
48 T	Dibromochloromethane	0.516	0.535	-3.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.416	0.450	-8.2	103	0.01
50 T	4-Methyl-2-Pentanone	0.761	0.773	-1.6	105	0.00
51 T	2-Hexanone	0.576	0.614	-6.6	105	0.00
52 T	Tetrachloroethene	0.312	0.287	8.0	104	0.00
53 T	Toluene	0.893	0.885	0.9	104	0.00
54 T	1,2-Dibromoethane	0.404	0.407	-0.7	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.442	0.405	8.4	102	0.00
57 T	Chlorobenzene	0.775	0.707	8.8	103	0.00
58 T	Ethyl Benzene	1.291	1.251	3.1	104	0.00
59 T	m/p-Xylene	1.138	1.056	7.2	101	0.00
60 T	o-Xylene	1.078	1.011	6.2	102	0.00
61 T	Styrene	0.584	0.623	-6.7	104	0.00
62	Isopropylbenzene	1.642	1.500	8.6	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.565	0.481	14.9	103	0.01
64	n-propylbenzene	0.416	0.394	5.3	101	0.00
65	tert-Butylbenzene	1.517	1.359	10.4	101	0.00
66 T	Benzyl Chloride	0.144	0.183	-27.1	107	0.00
67	sec-Butylbenzene	2.043	1.867	8.6	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.742	0.736	0.8	103	0.00
69	p-Isopropyltoluene	1.734	1.608	7.3	101	0.01
70	n-Butylbenzene	1.683	1.589	5.6	101	0.00
71	2-Chlorotoluene	1.175	1.106	5.9	102	0.00
72 T	4-Ethyltoluene	1.267	1.229	3.0	103	0.00
73 T	1,3,5-Trimethylbenzene	1.164	1.122	3.6	103	0.00
74 T	1,2,4-Trimethylbenzene	1.288	1.198	7.0	101	0.00
75 T	1,3-Dichlorobenzene	0.768	0.726	5.5	102	0.00
76 T	1,4-Dichlorobenzene	0.761	0.697	8.4	102	0.00
77 T	1,2-Dichlorobenzene	0.761	0.696	8.5	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.612	0.508	17.0	103	0.00
79 T	Naphthalene	0.886	1.021	-15.2	104	0.01
80 T	Naphthalene,2-methyl-	0.302	0.381	-26.2	111	0.00
81 T	1,2,4-Trichlorobenzene	0.577	0.566	1.9	102	0.02

(#) = Out of Range

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