

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038655.D
 Acq On : 21 Mar 2022 17:27
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032122

Quant Time: Mar 22 03:49:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 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	103	0.00
2 T	Dichlorodifluoromethane	1.344	1.104	17.9	99	0.00
3	Chlorodifluoromethane	1.056	1.023	3.1	108	0.00
4	Chloromethane	0.580	0.560	3.4	106	0.00
5 T	Vinyl Chloride	0.589	0.554	5.9	108	0.00
6 T	Bromomethane	0.314	0.297	5.4	102	0.00
7	Chloroethane	0.195	0.188	3.6	103	0.00
8 T	Dichlorotetrafluoroethane	1.342	1.256	6.4	103	0.00
9 T	Propene	0.510	0.519	-1.8	113	0.00
10 T	Heptane	1.219	1.253	-2.8	104	0.00
11 T	Trichlorofluoromethane	1.186	1.104	6.9	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	0.816	10.6	95	0.00
13	Ethanol	0.056	0.040#	28.6	98	0.00
14 T	Bromoethene	0.406	0.407	-0.2	108	0.00
15 T	Acetone	0.863	0.781	9.5	102	0.00
16 T	1,3-Butadiene	0.490	0.481	1.8	105	0.00
17	tert-Butyl alcohol	0.754	0.763	-1.2	104	0.00
18 T	1,1-Dichloroethene	0.410	0.376	8.3	98	0.00
19 T	Isopropyl Alcohol	0.478	0.462	3.3	101	0.00
20 T	Methylene Chloride	0.363	0.310	14.6	98	0.00
21 T	Allyl Chloride	0.621	0.585	5.8	99	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.408	4.2	98	0.00
23 T	Vinyl Acetate	0.836	0.847	-1.3	100	0.00
24 T	1,1-Dichloroethane	0.823	0.735	10.7	93	0.00
25 T	Ethyl Acetate	2.172	2.169	0.1	105	0.00
26 T	Hexane	0.972	0.966	0.6	107	0.00
27 T	Carbon Disulfide	0.954	0.947	0.7	96	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.682	5.8	99	0.00
29 T	Chloroform	1.557	1.491	4.2	103	0.00
30 T	Cyclohexane	0.846	0.835	1.3	105	0.00
31 T	cis-1,2-Dichloroethene	0.914	0.932	-2.0	105	0.00
32 T	1,1,1-Trichloroethane	1.503	1.440	4.2	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.396	0.480	-21.2	141	0.00
35 T	Carbon Tetrachloride	0.580	0.556	4.1	102	0.00
36 T	Benzene	0.772	0.761	1.4	105	0.00
37 T	1,2-Dichloroethane	0.393	0.378	3.8	104	0.00
38 T	Trichloroethene	0.323	0.323	0.0	106	0.00
39 T	1,2-Dichloropropane	0.302	0.293	3.0	104	0.00
40 T	1,4-Dioxane	0.105	0.103	1.9	101	0.00
41 T	Tetrahydrofuran	0.295	0.306	-3.7	108	0.00
42 T	Bromodichloromethane	0.589	0.581	1.4	102	0.00
43	Methyl Methacrylate	0.287	0.304	-5.9	104	0.00
44 T	2,2,4-Trimethylpentane	1.296	1.234	4.8	103	0.00
45 T	t-1,3-Dichloropropene	0.291	0.341	-17.2	106	0.00
46 T	cis-1,3-Dichloropropene	0.394	0.431	-9.4	104	0.00
47 T	1,1,2-Trichloroethane	0.322	0.304	5.6	102	0.00
48 T	Dibromochloromethane	0.505	0.512	-1.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.411	0.413	-0.5	96	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.747	-1.5	102	0.00
51 T	2-Hexanone	0.529	0.567	-7.2	100	0.00
52 T	Tetrachloroethene	0.282	0.271	3.9	104	0.00
53 T	Toluene	0.829	0.852	-2.8	103	0.00
54 T	1,2-Dibromoethane	0.440	0.440	0.0	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.415	0.374	9.9	99	0.00
57 T	Chlorobenzene	0.721	0.649	10.0	101	0.00
58 T	Ethyl Benzene	1.169	1.150	1.6	101	0.00
59 T	m/p-Xylene	1.023	0.945	7.6	98	0.00
60 T	o-Xylene	0.971	0.894	7.9	97	0.00
61 T	Styrene	0.527	0.555	-5.3	98	0.00
62	Isopropylbenzene	1.460	1.301	10.9	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.584	22.3	93	0.00
64	n-propylbenzene	0.383	0.351	8.4	95	0.00
65	tert-Butylbenzene	1.312	1.155	12.0	96	0.00
66 T	Benzyl Chloride	0.248	0.271	-9.3	92	0.00
67	sec-Butylbenzene	1.876	1.654	11.8	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.753	1.8	100	0.00
69	p-Isopropyltoluene	1.531	1.378	10.0	95	0.00
70	n-Butylbenzene	1.579	1.444	8.5	95	0.00
71	2-Chlorotoluene	1.083	0.972	10.2	94	0.00
72 T	4-Ethyltoluene	1.146	1.062	7.3	94	0.00
73 T	1,3,5-Trimethylbenzene	1.044	0.937	10.2	94	0.00
74 T	1,2,4-Trimethylbenzene	1.138	1.010	11.2	95	0.00
75 T	1,3-Dichlorobenzene	0.725	0.629	13.2	95	0.00
76 T	1,4-Dichlorobenzene	0.721	0.610	15.4	90	0.00
77 T	1,2-Dichlorobenzene	0.718	0.620	13.6	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.663	0.545	17.8	102	0.00
79 T	Naphthalene	0.869	1.029	-18.4	103	0.00
80 T	Naphthalene,2-methyl-	0.233	0.251	-7.7	93	0.00
81 T	1,2,4-Trichlorobenzene	0.595	0.587	1.3	101	0.00

(#) = Out of Range

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