

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038680.D
 Acq On : 22 Mar 2022 10:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 23 03:42:30 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	94	0.00
2 T	Dichlorodifluoromethane	1.344	1.065	20.8	87	0.00
3	Chlorodifluoromethane	1.056	1.023	3.1	98	0.00
4	Chloromethane	0.580	0.537	7.4	92	0.00
5 T	Vinyl Chloride	0.589	0.530	10.0	95	0.00
6 T	Bromomethane	0.314	0.301	4.1	94	0.00
7	Chloroethane	0.195	0.178	8.7	89	0.00
8 T	Dichlorotetrafluoroethane	1.342	1.223	8.9	91	0.00
9 T	Propene	0.510	0.488	4.3	97	0.00
10 T	Heptane	1.219	1.221	-0.2	93	0.00
11 T	Trichlorofluoromethane	1.186	1.087	8.3	89	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	0.824	9.7	87	0.00
13	Ethanol	0.056	0.028#	50.0#	62	0.00
14 T	Bromoethene	0.406	0.380	6.4	92	0.00
15 T	Acetone	0.863	0.752	12.9	90	0.00
16 T	1,3-Butadiene	0.490	0.466	4.9	93	0.00
17	tert-Butyl alcohol	0.754	0.780	-3.4	98	0.00
18 T	1,1-Dichloroethene	0.410	0.365	11.0	87	0.00
19 T	Isopropyl Alcohol	0.478	0.406	15.1	81	0.00
20 T	Methylene Chloride	0.363	0.306	15.7	88	0.00
21 T	Allyl Chloride	0.621	0.590	5.0	91	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.418	1.9	92	0.00
23 T	Vinyl Acetate	0.836	0.582	30.4#	63	0.00
24 T	1,1-Dichloroethane	0.823	0.755	8.3	88	0.00
25 T	Ethyl Acetate	2.172	2.300	-5.9	102	0.00
26 T	Hexane	0.972	0.925	4.8	93	0.00
27 T	Carbon Disulfide	0.954	0.950	0.4	88	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.694	4.1	92	0.00
29 T	Chloroform	1.557	1.442	7.4	91	0.00
30 T	Cyclohexane	0.846	0.800	5.4	92	0.00
31 T	cis-1,2-Dichloroethene	0.914	0.890	2.6	92	0.00
32 T	1,1,1-Trichloroethane	1.503	1.409	6.3	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.396	0.329	16.9	88	0.00
35 T	Carbon Tetrachloride	0.580	0.543	6.4	90	0.00
36 T	Benzene	0.772	0.744	3.6	93	0.00
37 T	1,2-Dichloroethane	0.393	0.376	4.3	93	0.00
38 T	Trichloroethene	0.323	0.293	9.3	87	0.00
39 T	1,2-Dichloropropane	0.302	0.284	6.0	91	0.00
40 T	1,4-Dioxane	0.105	0.093	11.4	83	0.00
41 T	Tetrahydrofuran	0.295	0.295	0.0	94	0.00
42 T	Bromodichloromethane	0.589	0.586	0.5	93	0.00
43	Methyl Methacrylate	0.287	0.314	-9.4	97	0.00
44 T	2,2,4-Trimethylpentane	1.296	1.218	6.0	92	0.00
45 T	t-1,3-Dichloropropene	0.291	0.330	-13.4	93	-0.01
46 T	cis-1,3-Dichloropropene	0.394	0.417	-5.8	91	0.00
47 T	1,1,2-Trichloroethane	0.322	0.304	5.6	92	0.00
48 T	Dibromochloromethane	0.505	0.510	-1.0	90	0.00

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49 T	Bromoform	0.411	0.419	-1.9	88	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.739	-0.4	92	0.00
51 T	2-Hexanone	0.529	0.568	-7.4	90	-0.01
52 T	Tetrachloroethene	0.282	0.266	5.7	93	0.00
53 T	Toluene	0.829	0.843	-1.7	92	-0.01
54 T	1,2-Dibromoethane	0.440	0.451	-2.5	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.01
56	1,1,1,2-Tetrachloroethane	0.415	0.404	2.7	95	0.00
57 T	Chlorobenzene	0.721	0.665	7.8	92	-0.01
58 T	Ethyl Benzene	1.169	1.165	0.3	91	0.00
59 T	m/p-Xylene	1.023	0.984	3.8	91	-0.01
60 T	o-Xylene	0.971	0.938	3.4	90	0.00
61 T	Styrene	0.527	0.578	-9.7	90	-0.01
62	Isopropylbenzene	1.460	1.440	1.4	94	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.752	0.660	12.2	93	0.00
64	n-propylbenzene	0.383	0.384	-0.3	93	0.00
65	tert-Butylbenzene	1.312	1.262	3.8	93	0.00
66 T	Benzyl Chloride	0.248	0.263	-6.0	80	0.00
67	sec-Butylbenzene	1.876	1.808	3.6	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.783	-2.1	92	-0.01
69	p-Isopropyltoluene	1.531	1.483	3.1	91	0.00
70	n-Butylbenzene	1.579	1.526	3.4	89	0.00
71	2-Chlorotoluene	1.083	1.074	0.8	93	0.00
72 T	4-Ethyltoluene	1.146	1.150	-0.3	91	0.00
73 T	1,3,5-Trimethylbenzene	1.044	0.998	4.4	89	0.00
74 T	1,2,4-Trimethylbenzene	1.138	1.042	8.4	88	0.00
75 T	1,3-Dichlorobenzene	0.725	0.644	11.2	86	0.00
76 T	1,4-Dichlorobenzene	0.721	0.635	11.9	84	0.00
77 T	1,2-Dichlorobenzene	0.718	0.626	12.8	85	0.00
78 T	Hexachloro-1,3-Butadiene	0.663	0.457	31.1#	76	0.00
79 T	Naphthalene	0.869	0.831	4.4	74	-0.01
80 T	Naphthalene,2-methyl-	0.233	0.212	9.0	70	0.00
81 T	1,2,4-Trichlorobenzene	0.595	0.474	20.3	73	0.00

(#) = Out of Range

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