

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039032.D
 Acq On : 12 May 2022 9:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 13 01:19:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 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	72	-0.02
2 T	Dichlorodifluoromethane	1.567	1.164	25.7	57	-0.01
3	Chlorodifluoromethane	1.241	1.180	4.9	74	-0.01
4	Chloromethane	0.621	0.552	11.1	67	-0.01
5 T	Vinyl Chloride	0.567	0.556	1.9	71	-0.01
6 T	Bromomethane	0.268	0.251	6.3	67	-0.02
7	Chloroethane	0.190	0.181	4.7	70	-0.01
8 T	Dichlorotetrafluoroethane	1.420	1.343	5.4	72	-0.02
9 T	Propene	0.542	0.596	-10.0	89	-0.01
10 T	Heptane	1.329	1.412	-6.2	79	-0.02
11 T	Trichlorofluoromethane	1.344	1.213	9.7	69	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.926	0.881	4.9	71	-0.02
13	Ethanol	0.038	0.046#	-21.1	109	-0.02
14 T	Bromoethene	0.382	0.372	2.6	69	-0.01
15 T	Acetone	0.943	0.942	0.1	77	-0.02
16 T	1,3-Butadiene	0.542	0.536	1.1	74	0.00
17	tert-Butyl alcohol	0.725	0.870	-20.0	89	-0.02
18 T	1,1-Dichloroethene	0.399	0.385	3.5	72	-0.02
19 T	Isopropyl Alcohol	0.449	0.540	-20.3	87	-0.02
20 T	Methylene Chloride	0.356	0.336	5.6	75	-0.02
21 T	Allyl Chloride	0.643	0.630	2.0	71	-0.02
22 T	trans-1,2-Dichloroethene	0.431	0.426	1.2	73	-0.02
23 T	Vinyl Acetate	0.746	0.642	13.9	61	-0.02
24 T	1,1-Dichloroethane	0.859	0.838	2.4	73	-0.02
25 T	Ethyl Acetate	2.258	2.599	-15.1	84	-0.02
26 T	Hexane	1.003	1.066	-6.3	81	-0.02
27 T	Carbon Disulfide	0.953	0.979	-2.7	70	-0.02
28 T	Methyl tert-Butyl Ether	0.763	0.800	-4.8	76	-0.02
29 T	Chloroform	1.623	1.588	2.2	72	-0.02
30 T	Cyclohexane	0.840	0.894	-6.4	81	-0.02
31 T	cis-1,2-Dichloroethene	1.022	0.990	3.1	70	-0.02
32 T	1,1,1-Trichloroethane	1.623	1.570	3.3	70	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.03
34 T	2-Butanone	0.510	0.438	14.1	71	-0.02
35 T	Carbon Tetrachloride	0.659	0.578	12.3	70	-0.03
36 T	Benzene	0.856	0.808	5.6	80	-0.02
37 T	1,2-Dichloroethane	0.529	0.426	19.5	66	-0.02
38 T	Trichloroethene	0.380	0.308	18.9	70	-0.03
39 T	1,2-Dichloropropane	0.333	0.309	7.2	77	-0.03
40 T	1,4-Dioxane	0.120	0.091	24.2	63	-0.02
41 T	Tetrahydrofuran	0.343	0.329	4.1	79	-0.02
42 T	Bromodichloromethane	0.724	0.632	12.7	70	-0.03
43	Methyl Methacrylate	0.347	0.342	1.4	80	-0.02
44 T	2,2,4-Trimethylpentane	1.502	1.330	11.5	77	-0.02
45 T	t-1,3-Dichloropropene	0.336	0.256	23.8	52	-0.03
46 T	cis-1,3-Dichloropropene	0.446	0.358	19.7	60	-0.02
47 T	1,1,2-Trichloroethane	0.346	0.328	5.2	80	-0.03
48 T	Dibromochloromethane	0.564	0.524	7.1	73	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.415	3.5	73	-0.03
50 T	4-Methyl-2-Pentanone	0.895	0.809	9.6	74	-0.03
51 T	2-Hexanone	0.653	0.601	8.0	68	-0.02
52 T	Tetrachloroethene	0.306	0.279	8.8	81	-0.02
53 T	Toluene	0.959	0.938	2.2	81	-0.03
54 T	1,2-Dibromoethane	0.471	0.469	0.4	79	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	-0.03
56	1,1,1,2-Tetrachloroethane	0.439	0.421	4.1	81	-0.02
57 T	Chlorobenzene	0.750	0.701	6.5	80	-0.03
58 T	Ethyl Benzene	1.439	1.335	7.2	80	-0.03
59 T	m/p-Xylene	1.229	1.103	10.3	78	-0.02
60 T	o-Xylene	1.156	1.026	11.2	77	-0.02
61 T	Styrene	0.617	0.601	2.6	77	-0.03
62	Isopropylbenzene	1.691	1.600	5.4	83	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.681	0.706	-3.7	92	-0.03
64	n-propylbenzene	0.409	0.405	1.0	83	-0.02
65	tert-Butylbenzene	1.482	1.361	8.2	82	-0.02
66 T	Benzyl Chloride	0.194	0.082	57.7#	26	-0.03
67	sec-Butylbenzene	2.117	1.966	7.1	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.792	0.712	10.1	73	-0.03
69	p-Isopropyltoluene	1.710	1.607	6.0	82	-0.03
70	n-Butylbenzene	1.817	1.703	6.3	80	-0.02
71	2-Chlorotoluene	1.304	1.189	8.8	79	-0.02
72 T	4-Ethyltoluene	1.318	1.240	5.9	79	-0.03
73 T	1,3,5-Trimethylbenzene	1.186	1.117	5.8	79	-0.03
74 T	1,2,4-Trimethylbenzene	1.299	1.178	9.3	78	-0.02
75 T	1,3-Dichlorobenzene	0.712	0.654	8.1	77	-0.02
76 T	1,4-Dichlorobenzene	0.700	0.641	8.4	76	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.659	6.4	80	-0.02
78 T	Hexachloro-1,3-Butadiene	0.647	0.489	24.4	73	-0.02
79 T	Naphthalene	1.055	0.953	9.7	68	-0.02
80 T	Naphthalene,2-methyl-	0.319	0.240	24.8	53	-0.02
81 T	1,2,4-Trichlorobenzene	0.618	0.519	16.0	70	-0.03

(#) = Out of Range

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