

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121620\
 Data File : VL036163.D
 Acq On : 16 Dec 2020 10:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 17 06:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 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	91	-0.04
2 T	Dichlorodifluoromethane	1.165	1.050	9.9	88	-0.03
3	Chlorodifluoromethane	1.141	1.273	-11.6	105	-0.03
4	Chloromethane	0.560	0.591	-5.5	100	-0.03
5 T	Vinyl Chloride	0.623	0.566	9.1	94	-0.03
6 T	Bromomethane	0.322	0.332	-3.1	101	-0.03
7	Chloroethane	0.212	0.191	9.9	90	-0.03
8 T	Dichlorotetrafluoroethane	1.295	1.368	-5.6	99	-0.03
9 T	Propene	0.572	0.580	-1.4	102	-0.03
10 T	Heptane	1.460	1.518	-4.0	100	-0.05
11 T	Trichlorofluoromethane	1.370	1.513	-10.4	104	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.962	-3.3	97	-0.04
13	Ethanol	0.079	0.092	-16.5	115	-0.03
14 T	Bromoethene	0.382	0.407	-6.5	100	-0.03
15 T	Acetone	1.202	1.365	-13.6	120	-0.03
16 T	1,3-Butadiene	0.605	0.615	-1.7	97	-0.03
17	tert-Butyl alcohol	1.164	1.085	6.8	87	-0.03
18 T	1,1-Dichloroethene	0.413	0.410	0.7	92	-0.04
19 T	Isopropyl Alcohol	0.735	0.690	6.1	91	-0.03
20 T	Methylene Chloride	0.492	0.384	22.0	94	-0.04
21 T	Allyl Chloride	0.799	0.798	0.1	91	-0.04
22 T	trans-1,2-Dichloroethene	0.414	0.394	4.8	89	-0.04
23 T	Vinyl Acetate	1.600	1.623	-1.4	95	-0.04
24 T	1,1-Dichloroethane	1.125	1.093	2.8	94	-0.04
25 T	Ethyl Acetate	2.401	2.539	-5.7	99	-0.04
26 T	Hexane	1.081	1.039	3.9	100	-0.04
27 T	Carbon Disulfide	1.074	1.094	-1.9	91	-0.04
28 T	Methyl tert-Butyl Ether	1.536	1.456	5.2	90	-0.04
29 T	Chloroform	1.419	1.581	-11.4	105	-0.04
30 T	Cyclohexane	0.794	0.832	-4.8	102	-0.04
31 T	cis-1,2-Dichloroethene	0.982	1.079	-9.9	102	-0.04
32 T	1,1,1-Trichloroethane	1.464	1.559	-6.5	103	-0.05
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.05
34 T	2-Butanone	0.663	0.741	-11.8	103	-0.04
35 T	Carbon Tetrachloride	0.583	0.705	-20.9	99	-0.05
36 T	Benzene	0.847	0.981	-15.8	101	-0.05
37 T	1,2-Dichloroethane	0.491	0.634	-29.1	110	-0.05
38 T	Trichloroethene	0.317	0.298	6.0	88	-0.05
39 T	1,2-Dichloropropane	0.335	0.396	-18.2	100	-0.05
40 T	1,4-Dioxane	0.105	0.124	-18.1	105	-0.05
41 T	Tetrahydrofuran	0.394	0.448	-13.7	101	-0.04
42 T	Bromodichloromethane	0.654	0.819	-25.2	104	-0.05
43	Methyl Methacrylate	0.364	0.429	-17.9	99	-0.05
44 T	2,2,4-Trimethylpentane	1.535	1.735	-13.0	100	-0.05
45 T	t-1,3-Dichloropropene	0.374	0.483	-29.1	101	-0.05

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.580	-23.9	102	-0.05
47 T	1,1,2-Trichloroethane	0.322	0.375	-16.5	102	-0.05
48 T	Dibromochloromethane	0.486	0.595	-22.4	96	-0.05
49 T	Bromoform	0.383	0.491	-28.2	97	-0.06
50 T	4-Methyl-2-Pentanone	0.989	1.178	-19.1	103	-0.05
51 T	2-Hexanone	0.773	0.960	-24.2	108	-0.05
52 T	Tetrachloroethene	0.307	0.291	5.2	91	-0.05
53 T	Toluene	0.952	1.090	-14.5	99	-0.05
54 T	1,2-Dibromoethane	0.483	0.556	-15.1	100	-0.05
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.05
56	1,1,1,2-Tetrachloroethane	0.415	0.466	-12.3	97	-0.05
57 T	Chlorobenzene	0.702	0.757	-7.8	97	-0.05
58 T	Ethyl Benzene	1.370	1.561	-13.9	103	-0.05
59 T	m/p-Xylene	1.154	1.332	-15.4	105	-0.05
60 T	o-Xylene	1.088	1.235	-13.5	105	-0.05
61 T	Styrene	0.698	0.834	-19.5	103	-0.05
62	Isopropylbenzene	1.612	1.779	-10.4	102	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.732	0.855	-16.8	112	-0.05
64	n-propylbenzene	0.388	0.425	-9.5	98	-0.05
65	tert-Butylbenzene	1.319	1.462	-10.8	103	-0.05
66 T	Benzyl Chloride	0.329	0.502	-52.6#	107	-0.05
67	sec-Butylbenzene	1.847	2.132	-15.4	108	-0.05
68 S	1-Bromo-4-Fluorobenzene	0.794	0.894	-12.6	95	-0.05
69	p-Isopropyltoluene	1.469	1.675	-14.0	104	-0.05
70	n-Butylbenzene	1.452	1.867	-28.6	117	-0.05
71	2-Chlorotoluene	1.219	1.453	-19.2	110	-0.05
72 T	4-Ethyltoluene	1.178	1.379	-17.1	106	-0.05
73 T	1,3,5-Trimethylbenzene	1.125	1.301	-15.6	106	-0.05
74 T	1,2,4-Trimethylbenzene	1.129	1.314	-16.4	108	-0.05
75 T	1,3-Dichlorobenzene	0.565	0.655	-15.9	105	-0.05
76 T	1,4-Dichlorobenzene	0.576	0.631	-9.5	100	-0.06
77 T	1,2-Dichlorobenzene	0.540	0.625	-15.7	107	-0.05
78 T	Hexachloro-1,3-Butadiene	0.433	0.386	10.9	84	-0.05
79 T	Naphthalene	0.574	0.659	-14.8	86	-0.06
80 T	Naphthalene,2-methyl-	0.128	0.251	-96.1#	80	-0.04
81 T	1,2,4-Trichlorobenzene	0.384	0.382	0.5	80	-0.06

(#) = Out of Range

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