

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120820\
 Data File : VL036129.D
 Acq On : 9 Dec 2020 13:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 10 01:14:47 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	100	0.00
2 T	Dichlorodifluoromethane	1.165	1.088	6.6	99	0.00
3	Chlorodifluoromethane	1.141	1.342	-17.6	121	0.00
4	Chloromethane	0.560	0.640	-14.3	119	0.00
5 T	Vinyl Chloride	0.623	0.632	-1.4	115	0.00
6 T	Bromomethane	0.322	0.346	-7.5	115	0.00
7	Chloroethane	0.212	0.224	-5.7	116	0.00
8 T	Dichlorotetrafluoroethane	1.295	1.402	-8.3	112	0.00
9 T	Propene	0.572	0.626	-9.4	121	0.00
10 T	Heptane	1.460	1.574	-7.8	114	0.00
11 T	Trichlorofluoromethane	1.370	1.518	-10.8	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.931	0.973	-4.5	107	0.00
13	Ethanol	0.079	0.079	0.0	107	0.00
14 T	Bromoethene	0.382	0.407	-6.5	110	0.00
15 T	Acetone	1.202	1.330	-10.6	128	0.00
16 T	1,3-Butadiene	0.605	0.644	-6.4	111	0.00
17	tert-Butyl alcohol	1.164	1.027	11.8	90	0.00
18 T	1,1-Dichloroethene	0.413	0.436	-5.6	108	0.00
19 T	Isopropyl Alcohol	0.735	0.728	1.0	105	0.00
20 T	Methylene Chloride	0.492	0.375	23.8	101	0.00
21 T	Allyl Chloride	0.799	0.778	2.6	97	0.00
22 T	trans-1,2-Dichloroethene	0.414	0.413	0.2	102	0.00
23 T	Vinyl Acetate	1.600	1.719	-7.4	110	0.00
24 T	1,1-Dichloroethane	1.125	1.186	-5.4	112	0.00
25 T	Ethyl Acetate	2.401	2.618	-9.0	112	0.00
26 T	Hexane	1.081	1.093	-1.1	115	0.00
27 T	Carbon Disulfide	1.074	1.018	5.2	93	0.00
28 T	Methyl tert-Butyl Ether	1.536	1.455	5.3	98	0.00
29 T	Chloroform	1.419	1.639	-15.5	119	0.00
30 T	Cyclohexane	0.794	0.853	-7.4	115	0.00
31 T	cis-1,2-Dichloroethene	0.982	1.123	-14.4	117	0.00
32 T	1,1,1-Trichloroethane	1.464	1.565	-6.9	113	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.663	0.771	-16.3	119	0.00
35 T	Carbon Tetrachloride	0.583	0.706	-21.1	110	0.00
36 T	Benzene	0.847	1.011	-19.4	115	0.00
37 T	1,2-Dichloroethane	0.491	0.653	-33.0#	125	0.00
38 T	Trichloroethene	0.317	0.303	4.4	99	0.00
39 T	1,2-Dichloropropane	0.335	0.414	-23.6	115	0.00
40 T	1,4-Dioxane	0.105	0.127	-21.0	119	0.00
41 T	Tetrahydrofuran	0.394	0.455	-15.5	113	0.00
42 T	Bromodichloromethane	0.654	0.848	-29.7	118	0.00
43	Methyl Methacrylate	0.364	0.462	-26.9	117	0.00
44 T	2,2,4-Trimethylpentane	1.535	1.786	-16.4	114	0.00
45 T	t-1,3-Dichloropropene	0.374	0.471	-25.9	108	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.468	0.573	-22.4	111	0.00
47 T	1,1,2-Trichloroethane	0.322	0.382	-18.6	115	0.00
48 T	Dibromochloromethane	0.486	0.587	-20.8	105	0.00
49 T	Bromoform	0.383	0.476	-24.3	103	0.00
50 T	4-Methyl-2-Pentanone	0.989	1.216	-23.0	117	0.00
51 T	2-Hexanone	0.773	0.991	-28.2	123	0.00
52 T	Tetrachloroethene	0.307	0.293	4.6	101	0.00
53 T	Toluene	0.952	1.111	-16.7	112	0.00
54 T	1,2-Dibromoethane	0.483	0.564	-16.8	112	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.415	0.443	-6.7	105	0.00
57 T	Chlorobenzene	0.702	0.753	-7.3	110	0.00
58 T	Ethyl Benzene	1.370	1.533	-11.9	116	0.00
59 T	m/p-Xylene	1.154	1.301	-12.7	117	0.00
60 T	o-Xylene	1.088	1.216	-11.8	118	0.00
61 T	Styrene	0.698	0.829	-18.8	117	0.00
62	Isopropylbenzene	1.612	1.752	-8.7	115	0.00
63 T	1,1,2,2-Tetrachloroethane	0.732	0.839	-14.6	125	0.00
64	n-propylbenzene	0.388	0.426	-9.8	112	0.00
65	tert-Butylbenzene	1.319	1.419	-7.6	114	0.00
66 T	Benzyl Chloride	0.329	0.429	-30.4#	104	0.00
67	sec-Butylbenzene	1.847	2.085	-12.9	120	0.00
68 S	1-Bromo-4-Fluorobenzene	0.794	0.823	-3.7	100	0.00
69	p-Isopropyltoluene	1.469	1.654	-12.6	117	0.00
70	n-Butylbenzene	1.452	1.836	-26.4	131	0.00
71	2-Chlorotoluene	1.219	1.433	-17.6	123	0.00
72 T	4-Ethyltoluene	1.178	1.358	-15.3	119	0.00
73 T	1,3,5-Trimethylbenzene	1.125	1.288	-14.5	119	0.00
74 T	1,2,4-Trimethylbenzene	1.129	1.302	-15.3	121	0.00
75 T	1,3-Dichlorobenzene	0.565	0.650	-15.0	118	0.00
76 T	1,4-Dichlorobenzene	0.576	0.635	-10.2	115	0.00
77 T	1,2-Dichlorobenzene	0.540	0.622	-15.2	122	0.00
78 T	Hexachloro-1,3-Butadiene	0.433	0.370	14.5	92	0.00
79 T	Naphthalene	0.574	0.661	-15.2	98	0.00
80 T	Naphthalene,2-methyl-	0.128	0.278	-117.2#	101	0.00
81 T	1,2,4-Trichlorobenzene	0.384	0.380	1.0	91	0.00

(#) = Out of Range

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