

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120721\
 Data File : VL038161.D
 Acq On : 8 Dec 2021 9:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 08 15:05:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 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	82	0.00
2 T	Dichlorodifluoromethane	1.652	1.652	0.0	107	0.00
3	Chlorodifluoromethane	2.100	2.514	-19.7	110	0.00
4	Chloromethane	0.715	0.860	-20.3	109	0.00
5 T	Vinyl Chloride	0.701	0.855	-22.0	107	0.00
6 T	Bromomethane	0.376	0.484	-28.7	113	0.00
7	Chloroethane	0.249	0.296	-18.9	109	0.00
8 T	Dichlorotetrafluoroethane	1.643	2.027	-23.4	112	0.00
9 T	Propene	0.773	0.822	-6.3	97	0.00
10 T	Heptane	1.911	2.131	-11.5	103	0.00
11 T	Trichlorofluoromethane	1.571	2.055	-30.8#	119	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.497	-34.7#	119	0.00
13	Ethanol	0.075	0.076	-1.3	110	0.00
14 T	Bromoethene	0.498	0.591	-18.7	109	0.00
15 T	Acetone	0.867	1.062	-22.5	121	0.00
16 T	1,3-Butadiene	0.676	0.833	-23.2	110	0.00
17	tert-Butyl alcohol	1.052	1.179	-12.1	102	0.00
18 T	1,1-Dichloroethene	0.510	0.654	-28.2	115	0.00
19 T	Isopropyl Alcohol	0.626	0.661	-5.6	107	0.00
20 T	Methylene Chloride	0.486	0.545	-12.1	113	0.00
21 T	Allyl Chloride	0.803	0.996	-24.0	109	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.728	-41.1#	123	0.00
23 T	Vinyl Acetate	1.255	1.628	-29.7	108	0.00
24 T	1,1-Dichloroethane	1.045	1.400	-34.0#	116	0.00
25 T	Ethyl Acetate	2.882	3.256	-13.0	106	0.00
26 T	Hexane	1.389	1.503	-8.2	104	0.00
27 T	Carbon Disulfide	1.244	1.639	-31.8#	109	0.00
28 T	Methyl tert-Butyl Ether	1.180	1.481	-25.5	108	0.00
29 T	Chloroform	2.047	2.418	-18.1	109	0.00
30 T	Cyclohexane	1.261	1.336	-5.9	99	0.00
31 T	cis-1,2-Dichloroethene	1.321	1.344	-1.7	90	0.00
32 T	1,1,1-Trichloroethane	2.077	2.413	-16.2	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
34 T	2-Butanone	0.403	0.395	2.0	85	0.00
35 T	Carbon Tetrachloride	0.703	0.882	-25.5	107	0.00
36 T	Benzene	0.998	1.156	-15.8	101	0.00
37 T	1,2-Dichloroethane	0.482	0.684	-41.9#	119	0.00
38 T	Trichloroethene	0.376	0.404	-7.4	96	0.00
39 T	1,2-Dichloropropane	0.383	0.461	-20.4	103	0.00
40 T	1,4-Dioxane	0.100	0.111	-11.0	101	0.00
41 T	Tetrahydrofuran	0.250	0.292	-16.8	104	0.00
42 T	Bromodichloromethane	0.732	0.942	-28.7	109	0.00
43	Methyl Methacrylate	0.341	0.427	-25.2	103	0.00
44 T	2,2,4-Trimethylpentane	1.669	1.900	-13.8	104	0.00
45 T	t-1,3-Dichloropropene	0.274	0.421	-53.6#	112	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.531	-43.5#	114	0.00
47 T	1,1,2-Trichloroethane	0.401	0.458	-14.2	99	0.00
48 T	Dibromochloromethane	0.610	0.762	-24.9	101	0.00
49 T	Bromoform	0.437	0.560	-28.1	103	0.00
50 T	4-Methyl-2-Pentanone	0.612	0.781	-27.6	106	0.00
51 T	2-Hexanone	0.288	0.377	-30.9#	109	0.00
52 T	Tetrachloroethene	0.369	0.378	-2.4	98	0.00
53 T	Toluene	1.148	1.306	-13.8	99	0.00
54 T	1,2-Dibromoethane	0.566	0.679	-20.0	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.454	0.511	-12.6	102	0.00
57 T	Chlorobenzene	0.896	0.951	-6.1	100	0.00
58 T	Ethyl Benzene	1.653	1.807	-9.3	103	0.00
59 T	m/p-Xylene	1.391	1.542	-10.9	106	0.00
60 T	o-Xylene	1.291	1.397	-8.2	105	0.00
61 T	Styrene	0.692	0.743	-7.4	95	0.00
62	Isopropylbenzene	1.832	1.906	-4.0	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.959	1.027	-7.1	110	0.00
64	n-propylbenzene	0.467	0.488	-4.5	98	0.00
65	tert-Butylbenzene	1.614	1.652	-2.4	104	0.00
66 T	Benzyl Chloride	0.082	0.082	0.0	79	0.00
67	sec-Butylbenzene	2.249	2.335	-3.8	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.721	0.793	-10.0	90	0.00
69	p-Isopropyltoluene	1.759	1.910	-8.6	105	0.00
70	n-Butylbenzene	1.682	1.961	-16.6	112	0.00
71	2-Chlorotoluene	1.339	1.485	-10.9	108	0.00
72 T	4-Ethyltoluene	1.496	1.642	-9.8	102	0.00
73 T	1,3,5-Trimethylbenzene	1.367	1.477	-8.0	105	0.00
74 T	1,2,4-Trimethylbenzene	1.408	1.542	-9.5	108	0.00
75 T	1,3-Dichlorobenzene	0.774	0.869	-12.3	106	0.00
76 T	1,4-Dichlorobenzene	0.778	0.831	-6.8	105	0.00
77 T	1,2-Dichlorobenzene	0.749	0.827	-10.4	108	0.00
78 T	Hexachloro-1,3-Butadiene	0.468	0.439	6.2	105	0.00
79 T	Naphthalene	0.742	0.824	-11.1	98	0.00
80 T	Naphthalene,2-methyl-	0.159	0.175	-10.1	82	0.00
81 T	1,2,4-Trichlorobenzene	0.426	0.462	-8.5	101	0.00

(#) = Out of Range

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