

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL121621\
 Data File : VL038184.D
 Acq On : 16 Dec 2021 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 17 05:18:57 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	114	0.00
2 T	Dichlorodifluoromethane	1.652	1.369	17.1	124	0.00
3	Chlorodifluoromethane	2.100	1.814	13.6	111	0.00
4	Chloromethane	0.715	0.626	12.4	111	0.00
5 T	Vinyl Chloride	0.701	0.623	11.1	109	0.00
6 T	Bromomethane	0.376	0.337	10.4	109	0.00
7	Chloroethane	0.249	0.212	14.9	108	0.00
8 T	Dichlorotetrafluoroethane	1.643	1.474	10.3	113	0.00
9 T	Propene	0.773	0.631	18.4	104	0.00
10 T	Heptane	1.911	1.549	18.9	104	0.00
11 T	Trichlorofluoromethane	1.571	1.461	7.0	118	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.111	1.039	6.5	115	0.00
13	Ethanol	0.075	0.060	20.0	122	0.00
14 T	Bromoethene	0.498	0.452	9.2	116	0.00
15 T	Acetone	0.867	0.768	11.4	122	0.00
16 T	1,3-Butadiene	0.676	0.585	13.5	107	0.00
17	tert-Butyl alcohol	1.052	0.887	15.7	107	0.00
18 T	1,1-Dichloroethene	0.510	0.463	9.2	113	0.00
19 T	Isopropyl Alcohol	0.626	0.511	18.4	115	0.00
20 T	Methylene Chloride	0.486	0.395	18.7	114	0.00
21 T	Allyl Chloride	0.803	0.681	15.2	104	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.477	7.6	112	0.00
23 T	Vinyl Acetate	1.255	1.110	11.6	103	0.00
24 T	1,1-Dichloroethane	1.045	0.949	9.2	110	0.00
25 T	Ethyl Acetate	2.882	2.387	17.2	108	0.00
26 T	Hexane	1.389	1.099	20.9	106	0.00
27 T	Carbon Disulfide	1.244	1.142	8.2	106	0.00
28 T	Methyl tert-Butyl Ether	1.180	0.996	15.6	101	0.00
29 T	Chloroform	2.047	1.789	12.6	112	0.00
30 T	Cyclohexane	1.261	0.949	24.7	98	0.00
31 T	cis-1,2-Dichloroethene	1.321	1.114	15.7	104	0.00
32 T	1,1,1-Trichloroethane	2.077	1.719	17.2	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.403	0.394	2.2	112	0.00
35 T	Carbon Tetrachloride	0.703	0.671	4.6	107	0.00
36 T	Benzene	0.998	0.873	12.5	101	0.00
37 T	1,2-Dichloroethane	0.482	0.508	-5.4	116	0.00
38 T	Trichloroethene	0.376	0.314	16.5	99	0.00
39 T	1,2-Dichloropropane	0.383	0.339	11.5	99	0.00
40 T	1,4-Dioxane	0.100	0.084	16.0	100	0.00
41 T	Tetrahydrofuran	0.250	0.223	10.8	104	0.00
42 T	Bromodichloromethane	0.732	0.734	-0.3	112	0.00
43	Methyl Methacrylate	0.341	0.329	3.5	104	0.00
44 T	2,2,4-Trimethylpentane	1.669	1.447	13.3	104	0.00
45 T	t-1,3-Dichloropropene	0.274	0.297	-8.4	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.370	0.374	-1.1	106	0.00
47 T	1,1,2-Trichloroethane	0.401	0.349	13.0	99	0.00
48 T	Dibromochloromethane	0.610	0.593	2.8	103	0.00
49 T	Bromoform	0.437	0.448	-2.5	109	0.00
50 T	4-Methyl-2-Pentanone	0.612	0.625	-2.1	112	0.00
51 T	2-Hexanone	0.288	0.309	-7.3	118	0.00
52 T	Tetrachloroethene	0.369	0.286	22.5	98	0.00
53 T	Toluene	1.148	0.986	14.1	99	0.00
54 T	1,2-Dibromoethane	0.566	0.514	9.2	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
56	1,1,1,2-Tetrachloroethane	0.454	0.402	11.5	105	0.00
57 T	Chlorobenzene	0.896	0.743	17.1	102	0.00
58 T	Ethyl Benzene	1.653	1.377	16.7	102	0.00
59 T	m/p-Xylene	1.391	1.173	15.7	106	0.00
60 T	o-Xylene	1.291	1.101	14.7	108	0.00
61 T	Styrene	0.692	0.580	16.2	97	0.00
62	Isopropylbenzene	1.832	1.458	20.4	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.959	0.801	16.5	112	0.00
64	n-propylbenzene	0.467	0.384	17.8	101	0.00
65	tert-Butylbenzene	1.614	1.284	20.4	105	0.00
66 T	Benzyl Chloride	0.082	0.074	9.8	93	0.00
67	sec-Butylbenzene	2.249	1.807	19.7	105	0.00
68 S	1-Bromo-4-Fluorobenzene	0.721	0.773	-7.2	114	0.00
69	p-Isopropyltoluene	1.759	1.474	16.2	105	0.00
70	n-Butylbenzene	1.682	1.547	8.0	116	0.00
71	2-Chlorotoluene	1.339	1.128	15.8	107	0.00
72 T	4-Ethyltoluene	1.496	1.286	14.0	105	0.00
73 T	1,3,5-Trimethylbenzene	1.367	1.138	16.8	106	0.00
74 T	1,2,4-Trimethylbenzene	1.408	1.190	15.5	109	0.00
75 T	1,3-Dichlorobenzene	0.774	0.674	12.9	107	0.00
76 T	1,4-Dichlorobenzene	0.778	0.654	15.9	108	0.00
77 T	1,2-Dichlorobenzene	0.749	0.644	14.0	110	0.00
78 T	Hexachloro-1,3-Butadiene	0.468	0.386	17.5	120	0.00
79 T	Naphthalene	0.742	0.746	-0.5	116	0.00
80 T	Naphthalene,2-methyl-	0.159	0.181	-13.8	111	0.00
81 T	1,2,4-Trichlorobenzene	0.426	0.414	2.8	118	0.00

(#) = Out of Range

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