

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036270.D
 Acq On : 22 Jan 2021 17:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 23 04:57:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 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	96	0.03
2 T	Dichlorodifluoromethane	1.340	1.444	-7.8	122	0.02
3	Chlorodifluoromethane	1.228	1.341	-9.2	115	0.02
4	Chloromethane	0.607	0.649	-6.9	112	0.02
5 T	Vinyl Chloride	0.574	0.622	-8.4	112	0.02
6 T	Bromomethane	0.321	0.345	-7.5	111	0.01
7	Chloroethane	0.198	0.226	-14.1	115	0.02
8 T	Dichlorotetrafluoroethane	1.299	1.470	-13.2	121	0.02
9 T	Propene	0.585	0.572	2.2	110	0.01
10 T	Heptane	1.452	1.490	-2.6	108	0.02
11 T	Trichlorofluoromethane	1.363	1.529	-12.2	121	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.932	-12.8	120	0.02
13	Ethanol	0.092	0.099	-7.6	130	0.01
14 T	Bromoethene	0.376	0.406	-8.0	112	0.02
15 T	Acetone	1.225	1.195	2.4	113	0.02
16 T	1,3-Butadiene	0.597	0.635	-6.4	113	0.02
17	tert-Butyl alcohol	1.011	1.007	0.4	104	0.02
18 T	1,1-Dichloroethene	0.383	0.411	-7.3	117	0.02
19 T	Isopropyl Alcohol	0.738	0.660	10.6	99	0.02
20 T	Methylene Chloride	0.391	0.361	7.7	114	0.02
21 T	Allyl Chloride	0.667	0.738	-10.6	111	0.02
22 T	trans-1,2-Dichloroethene	0.354	0.386	-9.0	114	0.02
23 T	Vinyl Acetate	1.484	1.583	-6.7	106	0.02
24 T	1,1-Dichloroethane	1.075	1.175	-9.3	117	0.02
25 T	Ethyl Acetate	2.459	2.527	-2.8	112	0.02
26 T	Hexane	1.024	1.027	-0.3	113	0.02
27 T	Carbon Disulfide	0.819	1.018	-24.3	115	0.02
28 T	Methyl tert-Butyl Ether	1.384	1.389	-0.4	106	0.02
29 T	Chloroform	1.466	1.645	-12.2	118	0.02
30 T	Cyclohexane	0.782	0.843	-7.8	108	0.02
31 T	cis-1,2-Dichloroethene	0.978	1.076	-10.0	111	0.02
32 T	1,1,1-Trichloroethane	1.418	1.613	-13.8	117	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.02
34 T	2-Butanone	0.736	0.704	4.3	109	0.02
35 T	Carbon Tetrachloride	0.632	0.714	-13.0	118	0.03
36 T	Benzene	0.916	0.935	-2.1	111	0.02
37 T	1,2-Dichloroethane	0.551	0.601	-9.1	117	0.02
38 T	Trichloroethene	0.339	0.304	10.3	113	0.03
39 T	1,2-Dichloropropane	0.372	0.387	-4.0	111	0.03
40 T	1,4-Dioxane	0.135	0.131	3.0	124	0.03
41 T	Tetrahydrofuran	0.426	0.425	0.2	106	0.02
42 T	Bromodichloromethane	0.693	0.775	-11.8	115	0.02
43	Methyl Methacrylate	0.389	0.420	-8.0	111	0.02
44 T	2,2,4-Trimethylpentane	1.683	1.611	4.3	110	0.02
45 T	t-1,3-Dichloropropene	0.370	0.439	-18.6	108	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.538	-13.3	108	0.02
47 T	1,1,2-Trichloroethane	0.356	0.360	-1.1	110	0.02
48 T	Dibromochloromethane	0.521	0.576	-10.6	109	0.03
49 T	Bromoform	0.435	0.447	-2.8	101	0.02
50 T	4-Methyl-2-Pentanone	1.098	1.101	-0.3	108	0.03
51 T	2-Hexanone	0.866	0.886	-2.3	105	0.02
52 T	Tetrachloroethene	0.338	0.292	13.6	109	0.03
53 T	Toluene	1.025	1.013	1.2	107	0.02
54 T	1,2-Dibromoethane	0.528	0.532	-0.8	108	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.02
56	1,1,1,2-Tetrachloroethane	0.446	0.452	-1.3	111	0.03
57 T	Chlorobenzene	0.785	0.738	6.0	109	0.02
58 T	Ethyl Benzene	1.484	1.435	3.3	108	0.02
59 T	m/p-Xylene	1.275	1.204	5.6	109	0.03
60 T	o-Xylene	1.229	1.114	9.4	107	0.03
61 T	Styrene	0.776	0.767	1.2	102	0.02
62	Isopropylbenzene	1.827	1.621	11.3	104	0.03
63 T	1,1,2,2-Tetrachloroethane	0.915	0.760	16.9	104	0.03
64	n-propylbenzene	0.449	0.413	8.0	103	0.03
65	tert-Butylbenzene	1.548	1.358	12.3	104	0.03
66 T	Benzyl Chloride	0.396	0.430	-8.6	90	0.03
67	sec-Butylbenzene	2.299	1.961	14.7	102	0.02
68 S	1-Bromo-4-Fluorobenzene	0.828	0.850	-2.7	99	0.02
69	p-Isopropyltoluene	1.823	1.601	12.2	103	0.02
70	n-Butylbenzene	1.942	1.771	8.8	106	0.02
71	2-Chlorotoluene	1.436	1.282	10.7	102	0.02
72 T	4-Ethyltoluene	1.387	1.263	8.9	103	0.03
73 T	1,3,5-Trimethylbenzene	1.322	1.185	10.4	102	0.02
74 T	1,2,4-Trimethylbenzene	1.356	1.198	11.7	104	0.02
75 T	1,3-Dichlorobenzene	0.727	0.636	12.5	104	0.02
76 T	1,4-Dichlorobenzene	0.719	0.625	13.1	101	0.02
77 T	1,2-Dichlorobenzene	0.710	0.639	10.0	104	0.02
78 T	Hexachloro-1,3-Butadiene	0.568	0.620	-9.2	137	0.03
79 T	Naphthalene	0.793	1.232	-55.4#	142	0.03
80 T	Naphthalene,2-methyl-	0.169	0.267	-58.0#	116	0.02
81 T	1,2,4-Trichlorobenzene	0.463	0.620	-33.9#	139	0.03

(#) = Out of Range

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