

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036241.D
 Acq On : 14 Jan 2021 1:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 14 03:18:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13 07:53:51 2021
 QLast Update : Wed Jan 13 07:53:51 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	100	0.02
2 T	Dichlorodifluoromethane	1.340	1.360	-1.5	120	0.00
3	Chlorodifluoromethane	1.228	1.170	4.7	105	0.00
4	Chloromethane	0.607	0.574	5.4	104	0.00
5 T	Vinyl Chloride	0.574	0.554	3.5	105	0.00
6 T	Bromomethane	0.321	0.288	10.3	97	0.01
7	Chloroethane	0.198	0.196	1.0	105	0.01
8 T	Dichlorotetrafluoroethane	1.299	1.246	4.1	108	0.01
9 T	Propene	0.585	0.490	16.2	99	0.00
10 T	Heptane	1.452	1.336	8.0	101	0.02
11 T	Trichlorofluoromethane	1.363	1.260	7.6	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.769	6.9	103	0.01
13	Ethanol	0.092	0.065	29.3	90	0.02
14 T	Bromoethene	0.376	0.353	6.1	102	0.01
15 T	Acetone	1.225	1.007	17.8	100	0.01
16 T	1,3-Butadiene	0.597	0.524	12.2	97	0.00
17	tert-Butyl alcohol	1.011	0.954	5.6	103	0.00
18 T	1,1-Dichloroethene	0.383	0.331	13.6	99	0.01
19 T	Isopropyl Alcohol	0.738	0.642	13.0	101	0.01
20 T	Methylene Chloride	0.391	0.290	25.8	96	0.00
21 T	Allyl Chloride	0.667	0.595	10.8	93	0.02
22 T	trans-1,2-Dichloroethene	0.354	0.303	14.4	94	0.00
23 T	Vinyl Acetate	1.484	1.334	10.1	94	0.01
24 T	1,1-Dichloroethane	1.075	1.014	5.7	105	0.02
25 T	Ethyl Acetate	2.459	2.241	8.9	104	0.02
26 T	Hexane	1.024	0.905	11.6	104	0.01
27 T	Carbon Disulfide	0.819	0.869	-6.1	103	0.02
28 T	Methyl tert-Butyl Ether	1.384	1.262	8.8	101	0.01
29 T	Chloroform	1.466	1.438	1.9	108	0.01
30 T	Cyclohexane	0.782	0.754	3.6	101	0.01
31 T	cis-1,2-Dichloroethene	0.978	0.944	3.5	102	0.02
32 T	1,1,1-Trichloroethane	1.418	1.415	0.2	107	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.02
34 T	2-Butanone	0.736	0.640	13.0	101	0.02
35 T	Carbon Tetrachloride	0.632	0.637	-0.8	108	0.02
36 T	Benzene	0.916	0.851	7.1	104	0.01
37 T	1,2-Dichloroethane	0.551	0.541	1.8	108	0.01
38 T	Trichloroethene	0.339	0.281	17.1	107	0.02
39 T	1,2-Dichloropropane	0.372	0.344	7.5	101	0.02
40 T	1,4-Dioxane	0.135	0.113	16.3	110	0.02
41 T	Tetrahydrofuran	0.426	0.380	10.8	97	0.02
42 T	Bromodichloromethane	0.693	0.702	-1.3	107	0.02
43	Methyl Methacrylate	0.389	0.385	1.0	104	0.01
44 T	2,2,4-Trimethylpentane	1.683	1.470	12.7	102	0.02
45 T	t-1,3-Dichloropropene	0.370	0.398	-7.6	100	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.489	-2.9	101	0.02
47 T	1,1,2-Trichloroethane	0.356	0.326	8.4	102	0.02
48 T	Dibromochloromethane	0.521	0.512	1.7	99	0.02
49 T	Bromoform	0.435	0.386	11.3	90	0.02
50 T	4-Methyl-2-Pentanone	1.098	0.992	9.7	99	0.02
51 T	2-Hexanone	0.866	0.803	7.3	97	0.01
52 T	Tetrachloroethene	0.338	0.257	24.0	99	0.02
53 T	Toluene	1.025	0.925	9.8	100	0.02
54 T	1,2-Dibromoethane	0.528	0.476	9.8	99	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.02
56	1,1,1,2-Tetrachloroethane	0.446	0.387	13.2	99	0.02
57 T	Chlorobenzene	0.785	0.639	18.6	98	0.02
58 T	Ethyl Benzene	1.484	1.258	15.2	99	0.02
59 T	m/p-Xylene	1.275	1.059	16.9	100	0.02
60 T	o-Xylene	1.229	0.968	21.2	97	0.02
61 T	Styrene	0.776	0.674	13.1	94	0.02
62	Isopropylbenzene	1.827	1.444	21.0	96	0.02
63 T	1,1,2,2-Tetrachloroethane	0.915	0.647	29.3	93	0.02
64	n-propylbenzene	0.449	0.364	18.9	95	0.02
65	tert-Butylbenzene	1.548	1.179	23.8	94	0.02
66 T	Benzyl Chloride	0.396	0.358	9.6	79	0.01
67	sec-Butylbenzene	2.299	1.711	25.6	94	0.02
68 S	1-Bromo-4-Fluorobenzene	0.828	0.803	3.0	98	0.01
69	p-Isopropyltoluene	1.823	1.410	22.7	95	0.02
70	n-Butylbenzene	1.942	1.555	19.9	97	0.02
71	2-Chlorotoluene	1.436	1.110	22.7	93	0.02
72 T	4-Ethyltoluene	1.387	1.101	20.6	94	0.02
73 T	1,3,5-Trimethylbenzene	1.322	1.036	21.6	93	0.01
74 T	1,2,4-Trimethylbenzene	1.356	1.058	22.0	96	0.02
75 T	1,3-Dichlorobenzene	0.727	0.552	24.1	94	0.01
76 T	1,4-Dichlorobenzene	0.719	0.540	24.9	91	0.02
77 T	1,2-Dichlorobenzene	0.710	0.565	20.4	96	0.01
78 T	Hexachloro-1,3-Butadiene	0.568	0.540	4.9	125	0.01
79 T	Naphthalene	0.793	1.111	-40.1#	134	0.02
80 T	Naphthalene,2-methyl-	0.169	0.297	-75.7#	135	0.01
81 T	1,2,4-Trichlorobenzene	0.463	0.556	-20.1	130	0.01

(#) = Out of Range

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