

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL062221\
 Data File : VL037242.D
 Acq On : 23 Jun 2021 11:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 24 05:32:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 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	97	-0.02
2 T	Dichlorodifluoromethane	1.739	1.580	9.1	102	-0.01
3	Chlorodifluoromethane	1.944	1.658	14.7	93	-0.02
4	Chloromethane	0.648	0.526	18.8	85	-0.01
5 T	Vinyl Chloride	0.712	0.586	17.7	87	-0.01
6 T	Bromomethane	0.425	0.322	24.2	78	-0.01
7	Chloroethane	0.255	0.215	15.7	91	-0.01
8 T	Dichlorotetrafluoroethane	1.784	1.488	16.6	90	-0.01
9 T	Propene	0.622	0.492	20.9	85	-0.01
10 T	Heptane	1.506	1.295	14.0	88	-0.02
11 T	Trichlorofluoromethane	1.856	1.531	17.5	88	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.308	1.119	14.4	91	-0.02
13	Ethanol	0.096	0.072	25.0	88	-0.02
14 T	Bromoethene	0.546	0.455	16.7	85	-0.02
15 T	Acetone	1.128	0.791	29.9	93	-0.02
16 T	1,3-Butadiene	0.667	0.605	9.3	93	-0.01
17	tert-Butyl alcohol	1.042	0.858	17.7	78	-0.02
18 T	1,1-Dichloroethene	0.580	0.500	13.8	90	-0.02
19 T	Isopropyl Alcohol	0.683	0.512	25.0	78	-0.02
20 T	Methylene Chloride	0.675	0.419	37.9#	89	-0.02
21 T	Allyl Chloride	0.850	0.661	22.2	81	-0.02
22 T	trans-1,2-Dichloroethene	0.574	0.486	15.3	89	-0.02
23 T	Vinyl Acetate	1.617	1.361	15.8	87	-0.02
24 T	1,1-Dichloroethane	1.302	1.018	21.8	80	-0.02
25 T	Ethyl Acetate	2.441	1.959	19.7	85	-0.02
26 T	Hexane	1.234	0.959	22.3	87	-0.02
27 T	Carbon Disulfide	1.209	1.106	8.5	85	-0.02
28 T	Methyl tert-Butyl Ether	1.483	1.044	29.6	72	-0.02
29 T	Chloroform	1.906	1.599	16.1	89	-0.02
30 T	Cyclohexane	1.028	0.842	18.1	87	-0.03
31 T	cis-1,2-Dichloroethene	1.134	0.964	15.0	88	-0.02
32 T	1,1,1-Trichloroethane	2.040	1.648	19.2	88	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.02
34 T	2-Butanone	0.389	0.310	20.3	86	-0.02
35 T	Carbon Tetrachloride	0.671	0.593	11.6	87	-0.02
36 T	Benzene	0.809	0.683	15.6	86	-0.02
37 T	1,2-Dichloroethane	0.470	0.412	12.3	89	-0.02
38 T	Trichloroethene	0.384	0.300	21.9	90	-0.03
39 T	1,2-Dichloropropane	0.300	0.265	11.7	87	-0.02
40 T	1,4-Dioxane	0.082	0.069	15.9	81	-0.02
41 T	Tetrahydrofuran	0.181	0.146	19.3	81	-0.02
42 T	Bromodichloromethane	0.648	0.579	10.6	86	-0.02
43	Methyl Methacrylate	0.279	0.259	7.2	89	-0.03
44 T	2,2,4-Trimethylpentane	1.362	1.131	17.0	87	-0.03
45 T	t-1,3-Dichloropropene	0.246	0.176	28.5	58	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.337	0.244	27.6	64	-0.02
47 T	1,1,2-Trichloroethane	0.343	0.297	13.4	89	-0.03
48 T	Dibromochloromethane	0.541	0.523	3.3	88	-0.03
49 T	Bromoform	0.403	0.444	-10.2	94	-0.03
50 T	4-Methyl-2-Pentanone	0.534	0.466	12.7	85	-0.02
51 T	2-Hexanone	0.260	0.241	7.3	88	-0.03
52 T	Tetrachloroethene	0.376	0.288	23.4	88	-0.02
53 T	Toluene	0.966	0.821	15.0	87	-0.03
54 T	1,2-Dibromoethane	0.493	0.435	11.8	88	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.03
56	1,1,1,2-Tetrachloroethane	0.437	0.386	11.7	92	-0.03
57 T	Chlorobenzene	0.811	0.670	17.4	91	-0.03
58 T	Ethyl Benzene	1.377	1.163	15.5	90	-0.02
59 T	m/p-Xylene	1.167	0.993	14.9	92	-0.03
60 T	o-Xylene	1.111	0.940	15.4	92	-0.03
61 T	Styrene	0.573	0.512	10.6	86	-0.03
62	Isopropylbenzene	1.580	1.351	14.5	95	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.740	0.657	11.2	99	-0.02
64	n-propylbenzene	0.396	0.364	8.1	95	-0.03
65	tert-Butylbenzene	1.401	1.228	12.3	97	-0.03
66 T	Benzyl Chloride	0.059	0.022#	62.7#	41	-0.02
67	sec-Butylbenzene	1.868	1.648	11.8	98	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.758	0.741	2.2	95	-0.03
69	p-Isopropyltoluene	1.578	1.424	9.8	98	-0.02
70	n-Butylbenzene	1.460	1.350	7.5	99	-0.02
71	2-Chlorotoluene	1.104	1.000	9.4	98	-0.03
72 T	4-Ethyltoluene	1.262	1.142	9.5	95	-0.03
73 T	1,3,5-Trimethylbenzene	1.220	1.031	15.5	94	-0.03
74 T	1,2,4-Trimethylbenzene	1.257	1.096	12.8	96	-0.03
75 T	1,3-Dichlorobenzene	0.764	0.686	10.2	99	-0.03
76 T	1,4-Dichlorobenzene	0.763	0.661	13.4	100	-0.03
77 T	1,2-Dichlorobenzene	0.739	0.670	9.3	102	-0.03
78 T	Hexachloro-1,3-Butadiene	0.636	0.459	27.8	92	-0.03
79 T	Naphthalene	1.048	0.858	18.1	81	-0.04
80 T	Naphthalene,2-methyl-	0.275	0.203	26.2	63	-0.02
81 T	1,2,4-Trichlorobenzene	0.605	0.501	17.2	87	-0.03

(#) = Out of Range

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