

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037265.D
 Acq On : 30 Jun 2021 1:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 30 09:04:12 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	101	-0.01
2 T	Dichlorodifluoromethane	1.739	1.617	7.0	109	0.00
3	Chlorodifluoromethane	1.944	1.648	15.2	96	0.00
4	Chloromethane	0.648	0.541	16.5	90	0.00
5 T	Vinyl Chloride	0.712	0.589	17.3	91	0.00
6 T	Bromomethane	0.425	0.313	26.4	79	0.00
7	Chloroethane	0.255	0.206	19.2	91	0.00
8 T	Dichlorotetrafluoroethane	1.784	1.466	17.8	92	0.00
9 T	Propene	0.622	0.513	17.5	92	0.00
10 T	Heptane	1.506	1.297	13.9	92	-0.02
11 T	Trichlorofluoromethane	1.856	1.529	17.6	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.308	1.140	12.8	96	0.00
13	Ethanol	0.096	0.057	40.6#	72	0.00
14 T	Bromoethene	0.546	0.461	15.6	90	0.00
15 T	Acetone	1.128	0.835	26.0	101	0.00
16 T	1,3-Butadiene	0.667	0.592	11.2	94	0.00
17	tert-Butyl alcohol	1.042	0.880	15.5	83	0.00
18 T	1,1-Dichloroethene	0.580	0.504	13.1	94	0.00
19 T	Isopropyl Alcohol	0.683	0.495	27.5	78	0.00
20 T	Methylene Chloride	0.675	0.440	34.8#	97	0.00
21 T	Allyl Chloride	0.850	0.703	17.3	89	0.00
22 T	trans-1,2-Dichloroethene	0.574	0.525	8.5	99	0.00
23 T	Vinyl Acetate	1.617	1.316	18.6	87	0.00
24 T	1,1-Dichloroethane	1.302	1.055	19.0	86	0.00
25 T	Ethyl Acetate	2.441	1.988	18.6	90	0.00
26 T	Hexane	1.234	0.973	21.2	91	-0.01
27 T	Carbon Disulfide	1.209	1.166	3.6	93	0.00
28 T	Methyl tert-Butyl Ether	1.483	1.091	26.4	78	0.00
29 T	Chloroform	1.906	1.560	18.2	90	-0.01
30 T	Cyclohexane	1.028	0.865	15.9	93	-0.02
31 T	cis-1,2-Dichloroethene	1.134	0.980	13.6	93	-0.01
32 T	1,1,1-Trichloroethane	2.040	1.635	19.9	90	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.01
34 T	2-Butanone	0.389	0.296	23.9	86	-0.01
35 T	Carbon Tetrachloride	0.671	0.576	14.2	88	-0.01
36 T	Benzene	0.809	0.687	15.1	91	-0.01
37 T	1,2-Dichloroethane	0.470	0.402	14.5	91	0.00
38 T	Trichloroethene	0.384	0.283	26.3	88	-0.02
39 T	1,2-Dichloropropane	0.300	0.264	12.0	90	-0.02
40 T	1,4-Dioxane	0.082	0.068	17.1	84	0.00
41 T	Tetrahydrofuran	0.181	0.149	17.7	86	0.00
42 T	Bromodichloromethane	0.648	0.567	12.5	88	-0.01
43	Methyl Methacrylate	0.279	0.265	5.0	95	-0.01
44 T	2,2,4-Trimethylpentane	1.362	1.144	16.0	92	-0.02
45 T	t-1,3-Dichloropropene	0.246	0.191	22.4	66	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.337	0.256	24.0	70	-0.02
47 T	1,1,2-Trichloroethane	0.343	0.296	13.7	92	-0.02
48 T	Dibromochloromethane	0.541	0.524	3.1	92	-0.02
49 T	Bromoform	0.403	0.444	-10.2	98	-0.02
50 T	4-Methyl-2-Pentanone	0.534	0.471	11.8	90	0.00
51 T	2-Hexanone	0.260	0.246	5.4	94	-0.02
52 T	Tetrachloroethene	0.376	0.288	23.4	91	-0.02
53 T	Toluene	0.966	0.834	13.7	92	-0.02
54 T	1,2-Dibromoethane	0.493	0.431	12.6	91	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.02
56	1,1,1,2-Tetrachloroethane	0.437	0.404	7.6	95	-0.02
57 T	Chlorobenzene	0.811	0.699	13.8	93	-0.02
58 T	Ethyl Benzene	1.377	1.238	10.1	94	-0.02
59 T	m/p-Xylene	1.167	1.047	10.3	95	-0.02
60 T	o-Xylene	1.111	0.991	10.8	95	-0.02
61 T	Styrene	0.573	0.545	4.9	89	-0.02
62	Isopropylbenzene	1.580	1.425	9.8	98	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.740	0.688	7.0	102	-0.01
64	n-propylbenzene	0.396	0.379	4.3	97	-0.02
65	tert-Butylbenzene	1.401	1.286	8.2	100	-0.02
66 T	Benzyl Chloride	0.059	0.039#	33.9#	71	-0.02
67	sec-Butylbenzene	1.868	1.723	7.8	100	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.758	0.814	-7.4	102	-0.02
69	p-Isopropyltoluene	1.578	1.488	5.7	100	-0.02
70	n-Butylbenzene	1.460	1.419	2.8	101	-0.02
71	2-Chlorotoluene	1.104	1.052	4.7	101	-0.02
72 T	4-Ethyltoluene	1.262	1.206	4.4	98	-0.02
73 T	1,3,5-Trimethylbenzene	1.220	1.088	10.8	97	-0.02
74 T	1,2,4-Trimethylbenzene	1.257	1.146	8.8	98	-0.02
75 T	1,3-Dichlorobenzene	0.764	0.718	6.0	101	-0.02
76 T	1,4-Dichlorobenzene	0.763	0.695	8.9	102	-0.02
77 T	1,2-Dichlorobenzene	0.739	0.710	3.9	106	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.489	23.1	96	-0.02
79 T	Naphthalene	1.048	0.924	11.8	85	-0.02
80 T	Naphthalene,2-methyl-	0.275	0.186	32.4#	56	-0.02
81 T	1,2,4-Trichlorobenzene	0.605	0.537	11.2	91	-0.02

(#) = Out of Range

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