

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090721\
 Data File : VL037561.D
 Acq On : 7 Sep 2021 21:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 08 11:12:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	114	0.02
2 T	Dichlorodifluoromethane	1.605	1.155	28.0	96	0.01
3	Chlorodifluoromethane	1.915	1.623	15.2	109	0.01
4	Chloromethane	0.684	0.557	18.6	97	0.02
5 T	Vinyl Chloride	0.701	0.547	22.0	100	0.01
6 T	Bromomethane	0.384	0.269	29.9	88	0.01
7	Chloroethane	0.239	0.182	23.8	94	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.276	22.9	99	0.01
9 T	Propene	0.685	0.525	23.4	97	0.01
10 T	Heptane	1.577	1.386	12.1	106	0.03
11 T	Trichlorofluoromethane	1.506	1.205	20.0	103	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	0.848	23.3	101	0.02
13	Ethanol	0.067	0.066	1.5	102	0.01
14 T	Bromoethene	0.502	0.397	20.9	97	0.02
15 T	Acetone	1.018	0.675	33.7#	96	0.02
16 T	1,3-Butadiene	0.653	0.585	10.4	109	0.01
17	tert-Butyl alcohol	0.930	0.693	25.5	85	0.01
18 T	1,1-Dichloroethene	0.502	0.396	21.1	100	0.02
19 T	Isopropyl Alcohol	0.583	0.438	24.9	87	0.01
20 T	Methylene Chloride	0.510	0.357	30.0#	101	0.02
21 T	Allyl Chloride	0.827	0.582	29.6	85	0.02
22 T	trans-1,2-Dichloroethene	0.501	0.380	24.2	97	0.02
23 T	Vinyl Acetate	1.500	1.342	10.5	102	0.02
24 T	1,1-Dichloroethane	1.088	0.961	11.7	110	0.02
25 T	Ethyl Acetate	2.584	2.051	20.6	98	0.02
26 T	Hexane	1.263	1.016	19.6	103	0.02
27 T	Carbon Disulfide	1.126	0.947	15.9	95	0.02
28 T	Methyl tert-Butyl Ether	1.213	0.948	21.8	92	0.02
29 T	Chloroform	1.790	1.459	18.5	103	0.02
30 T	Cyclohexane	1.053	0.861	18.2	101	0.02
31 T	cis-1,2-Dichloroethene	1.143	0.935	18.2	97	0.02
32 T	1,1,1-Trichloroethane	1.759	1.369	22.2	97	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.02
34 T	2-Butanone	0.408	0.318	22.1	94	0.02
35 T	Carbon Tetrachloride	0.591	0.488	17.4	98	0.02
36 T	Benzene	0.841	0.715	15.0	102	0.02
37 T	1,2-Dichloroethane	0.416	0.345	17.1	99	0.02
38 T	Trichloroethene	0.345	0.284	17.7	104	0.02
39 T	1,2-Dichloropropane	0.323	0.274	15.2	101	0.02
40 T	1,4-Dioxane	0.079	0.063	20.3	90	0.02
41 T	Tetrahydrofuran	0.197	0.146	25.9	85	0.02
42 T	Bromodichloromethane	0.609	0.530	13.0	100	0.02
43	Methyl Methacrylate	0.293	0.267	8.9	104	0.02
44 T	2,2,4-Trimethylpentane	1.415	1.210	14.5	104	0.02
45 T	t-1,3-Dichloropropene	0.221	0.168	24.0	75	0.02
46 T	cis-1,3-Dichloropropene	0.308	0.248	19.5	86	0.02
47 T	1,1,2-Trichloroethane	0.349	0.296	15.2	104	0.02
48 T	Dibromochloromethane	0.502	0.464	7.6	101	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.396	0.391	1.3	104	0.02
50 T	4-Methyl-2-Pentanone	0.533	0.476	10.7	103	0.02
51 T	2-Hexanone	0.245	0.256	-4.5	119	0.02
52 T	Tetrachloroethene	0.344	0.268	22.1	101	0.02
53 T	Toluene	0.960	0.847	11.8	102	0.03
54 T	1,2-Dibromoethane	0.487	0.417	14.4	100	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.02
56	1,1,1,2-Tetrachloroethane	0.417	0.359	13.9	107	0.02
57 T	Chlorobenzene	0.830	0.678	18.3	104	0.02
58 T	Ethyl Benzene	1.388	1.180	15.0	105	0.02
59 T	m/p-Xylene	1.203	1.004	16.5	103	0.02
60 T	o-Xylene	1.123	0.928	17.4	104	0.02
61 T	Styrene	0.583	0.522	10.5	100	0.02
62	Isopropylbenzene	1.585	1.351	14.8	107	0.02
63 T	1,1,2,2-Tetrachloroethane	0.835	0.717	14.1	110	0.02
64	n-propylbenzene	0.403	0.356	11.7	105	0.03
65	tert-Butylbenzene	1.443	1.212	16.0	107	0.02
66 T	Benzyl Chloride	0.065	0.037#	43.1#	58	0.02
67	sec-Butylbenzene	2.017	1.697	15.9	108	0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.744	-4.8	118	0.02
69	p-Isopropyltoluene	1.643	1.426	13.2	108	0.03
70	n-Butylbenzene	1.570	1.407	10.4	107	0.02
71	2-Chlorotoluene	1.162	1.011	13.0	108	0.02
72 T	4-Ethyltoluene	1.336	1.181	11.6	107	0.02
73 T	1,3,5-Trimethylbenzene	1.243	1.037	16.6	104	0.02
74 T	1,2,4-Trimethylbenzene	1.321	1.103	16.5	106	0.03
75 T	1,3-Dichlorobenzene	0.795	0.697	12.3	112	0.02
76 T	1,4-Dichlorobenzene	0.801	0.674	15.9	104	0.02
77 T	1,2-Dichlorobenzene	0.783	0.682	12.9	110	0.02
78 T	Hexachloro-1,3-Butadiene	0.651	0.550	15.5	117	0.02
79 T	Naphthalene	0.884	0.940	-6.3	115	0.03
80 T	Naphthalene,2-methyl-	0.246	0.282	-14.6	100	0.02
81 T	1,2,4-Trichlorobenzene	0.555	0.556	-0.2	116	0.03

(#) = Out of Range

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