

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090321\
 Data File : VL037515.D
 Acq On : 3 Sep 2021 10:23
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 04:20:57 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	94	0.00
2 T	Dichlorodifluoromethane	1.605	1.479	7.9	102	0.00
3	Chlorodifluoromethane	1.915	1.962	-2.5	108	0.00
4	Chloromethane	0.684	0.761	-11.3	109	0.01
5 T	Vinyl Chloride	0.701	0.762	-8.7	114	0.00
6 T	Bromomethane	0.384	0.406	-5.7	109	0.00
7	Chloroethane	0.239	0.255	-6.7	109	0.00
8 T	Dichlorotetrafluoroethane	1.656	1.696	-2.4	108	0.00
9 T	Propene	0.685	0.710	-3.6	108	0.00
10 T	Heptane	1.577	1.777	-12.7	112	0.01
11 T	Trichlorofluoromethane	1.506	1.561	-3.7	110	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.105	1.165	-5.4	114	0.00
13	Ethanol	0.067	0.076	-13.4	97	0.00
14 T	Bromoethene	0.502	0.530	-5.6	107	0.00
15 T	Acetone	1.018	0.942	7.5	111	0.00
16 T	1,3-Butadiene	0.653	0.714	-9.3	110	0.00
17	tert-Butyl alcohol	0.930	1.065	-14.5	108	0.00
18 T	1,1-Dichloroethene	0.502	0.537	-7.0	112	0.00
19 T	Isopropyl Alcohol	0.583	0.652	-11.8	106	0.00
20 T	Methylene Chloride	0.510	0.454	11.0	105	0.00
21 T	Allyl Chloride	0.827	0.861	-4.1	104	0.00
22 T	trans-1,2-Dichloroethene	0.501	0.543	-8.4	114	0.00
23 T	Vinyl Acetate	1.500	1.657	-10.5	103	0.00
24 T	1,1-Dichloroethane	1.088	1.049	3.6	99	0.00
25 T	Ethyl Acetate	2.584	2.722	-5.3	107	0.00
26 T	Hexane	1.263	1.318	-4.4	110	0.01
27 T	Carbon Disulfide	1.126	1.328	-17.9	110	0.00
28 T	Methyl tert-Butyl Ether	1.213	1.170	3.5	93	0.00
29 T	Chloroform	1.790	1.868	-4.4	108	0.00
30 T	Cyclohexane	1.053	1.117	-6.1	108	0.00
31 T	cis-1,2-Dichloroethene	1.143	1.260	-10.2	108	0.00
32 T	1,1,1-Trichloroethane	1.759	1.830	-4.0	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.408	0.423	-3.7	104	0.00
35 T	Carbon Tetrachloride	0.591	0.634	-7.3	106	0.01
36 T	Benzene	0.841	0.925	-10.0	110	0.01
37 T	1,2-Dichloroethane	0.416	0.445	-7.0	107	0.00
38 T	Trichloroethene	0.345	0.363	-5.2	112	0.00
39 T	1,2-Dichloropropane	0.323	0.345	-6.8	107	0.00
40 T	1,4-Dioxane	0.079	0.086	-8.9	103	0.00
41 T	Tetrahydrofuran	0.197	0.228	-15.7	111	0.00
42 T	Bromodichloromethane	0.609	0.679	-11.5	107	0.01
43	Methyl Methacrylate	0.293	0.335	-14.3	109	0.00
44 T	2,2,4-Trimethylpentane	1.415	1.521	-7.5	110	0.01
45 T	t-1,3-Dichloropropene	0.221	0.315	-42.5#	118	0.00
46 T	cis-1,3-Dichloropropene	0.308	0.399	-29.5	116	0.00
47 T	1,1,2-Trichloroethane	0.349	0.380	-8.9	111	0.00
48 T	Dibromochloromethane	0.502	0.603	-20.1	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.396	0.499	-26.0	112	0.01
50 T	4-Methyl-2-Pentanone	0.533	0.623	-16.9	113	0.00
51 T	2-Hexanone	0.245	0.306	-24.9	119	0.01
52 T	Tetrachloroethene	0.344	0.341	0.9	108	0.02
53 T	Toluene	0.960	1.085	-13.0	110	0.01
54 T	1,2-Dibromoethane	0.487	0.542	-11.3	109	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.01
56	1,1,1,2-Tetrachloroethane	0.417	0.417	0.0	111	0.01
57 T	Chlorobenzene	0.830	0.798	3.9	109	0.00
58 T	Ethyl Benzene	1.388	1.390	-0.1	110	0.00
59 T	m/p-Xylene	1.203	1.192	0.9	109	0.01
60 T	o-Xylene	1.123	1.089	3.0	109	0.00
61 T	Styrene	0.583	0.644	-10.5	110	0.00
62	Isopropylbenzene	1.585	1.557	1.8	111	0.00
63 T	1,1,2,2-Tetrachloroethane	0.835	0.807	3.4	111	0.00
64	n-propylbenzene	0.403	0.415	-3.0	110	0.00
65	tert-Butylbenzene	1.443	1.398	3.1	110	0.00
66 T	Benzyl Chloride	0.065	0.098	-50.8#	136	0.00
67	sec-Butylbenzene	2.017	1.934	4.1	110	0.01
68 S	1-Bromo-4-Fluorobenzene	0.710	0.665	6.3	94	0.00
69	p-Isopropyltoluene	1.643	1.638	0.3	110	0.00
70	n-Butylbenzene	1.570	1.607	-2.4	110	0.00
71	2-Chlorotoluene	1.162	1.151	0.9	110	0.00
72 T	4-Ethyltoluene	1.336	1.317	1.4	106	0.00
73 T	1,3,5-Trimethylbenzene	1.243	1.205	3.1	108	0.00
74 T	1,2,4-Trimethylbenzene	1.321	1.272	3.7	109	0.01
75 T	1,3-Dichlorobenzene	0.795	0.798	-0.4	114	0.00
76 T	1,4-Dichlorobenzene	0.801	0.779	2.7	108	0.00
77 T	1,2-Dichlorobenzene	0.783	0.775	1.0	111	0.00
78 T	Hexachloro-1,3-Butadiene	0.651	0.589	9.5	112	0.00
79 T	Naphthalene	0.884	1.025	-16.0	112	0.02
80 T	Naphthalene,2-methyl-	0.246	0.319	-29.7	101	0.00
81 T	1,2,4-Trichlorobenzene	0.555	0.615	-10.8	114	0.01

(#) = Out of Range

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