

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081921\
 Data File : VL037495.D
 Acq On : 19 Aug 2021 11:03
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 20 00:27:11 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.02
2 T	Dichlorodifluoromethane	1.605	2.027	-26.3	137	0.01
3	Chlorodifluoromethane	1.915	1.765	7.8	96	0.01
4	Chloromethane	0.684	0.660	3.5	93	0.02
5 T	Vinyl Chloride	0.701	0.669	4.6	99	0.02
6 T	Bromomethane	0.384	0.319	16.9	85	0.01
7	Chloroethane	0.239	0.225	5.9	94	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.541	6.9	97	0.02
9 T	Propene	0.685	0.620	9.5	93	0.02
10 T	Heptane	1.577	1.590	-0.8	98	0.03
11 T	Trichlorofluoromethane	1.506	1.411	6.3	98	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	1.039	6.0	100	0.02
13	Ethanol	0.067	0.053	20.9	67	0.02
14 T	Bromoethene	0.502	0.480	4.4	95	0.02
15 T	Acetone	1.018	0.800	21.4	93	0.02
16 T	1,3-Butadiene	0.653	0.636	2.6	96	0.01
17	tert-Butyl alcohol	0.930	0.827	11.1	83	0.02
18 T	1,1-Dichloroethene	0.502	0.477	5.0	98	0.02
19 T	Isopropyl Alcohol	0.583	0.487	16.5	78	0.02
20 T	Methylene Chloride	0.510	0.425	16.7	97	0.02
21 T	Allyl Chloride	0.827	0.726	12.2	86	0.02
22 T	trans-1,2-Dichloroethene	0.501	0.474	5.4	98	0.02
23 T	Vinyl Acetate	1.500	1.564	-4.3	96	0.02
24 T	1,1-Dichloroethane	1.088	1.045	4.0	97	0.02
25 T	Ethyl Acetate	2.584	2.468	4.5	96	0.03
26 T	Hexane	1.263	1.166	7.7	96	0.02
27 T	Carbon Disulfide	1.126	1.163	-3.3	95	0.02
28 T	Methyl tert-Butyl Ether	1.213	1.233	-1.6	97	0.02
29 T	Chloroform	1.790	1.721	3.9	98	0.02
30 T	Cyclohexane	1.053	1.019	3.2	97	0.03
31 T	cis-1,2-Dichloroethene	1.143	1.124	1.7	95	0.02
32 T	1,1,1-Trichloroethane	1.759	1.668	5.2	96	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.03
34 T	2-Butanone	0.408	0.364	10.8	89	0.02
35 T	Carbon Tetrachloride	0.591	0.583	1.4	97	0.03
36 T	Benzene	0.841	0.823	2.1	97	0.02
37 T	1,2-Dichloroethane	0.416	0.410	1.4	98	0.02
38 T	Trichloroethene	0.345	0.327	5.2	100	0.02
39 T	1,2-Dichloropropane	0.323	0.310	4.0	95	0.02
40 T	1,4-Dioxane	0.079	0.075	5.1	89	0.02
41 T	Tetrahydrofuran	0.197	0.188	4.6	91	0.02
42 T	Bromodichloromethane	0.609	0.604	0.8	95	0.03
43	Methyl Methacrylate	0.293	0.293	0.0	95	0.02
44 T	2,2,4-Trimethylpentane	1.415	1.364	3.6	98	0.02
45 T	t-1,3-Dichloropropene	0.221	0.210	5.0	78	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.308	0.269	12.7	77	0.02
47 T	1,1,2-Trichloroethane	0.349	0.341	2.3	99	0.03
48 T	Dibromochloromethane	0.502	0.547	-9.0	98	0.02
49 T	Bromoform	0.396	0.470	-18.7	104	0.02
50 T	4-Methyl-2-Pentanone	0.533	0.541	-1.5	98	0.02
51 T	2-Hexanone	0.245	0.260	-6.1	100	0.03
52 T	Tetrachloroethene	0.344	0.310	9.9	97	0.03
53 T	Toluene	0.960	0.963	-0.3	97	0.03
54 T	1,2-Dibromoethane	0.487	0.478	1.8	96	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.03
56	1,1,1,2-Tetrachloroethane	0.417	0.406	2.6	104	0.02
57 T	Chlorobenzene	0.830	0.765	7.8	101	0.02
58 T	Ethyl Benzene	1.388	1.338	3.6	102	0.02
59 T	m/p-Xylene	1.203	1.115	7.3	98	0.03
60 T	o-Xylene	1.123	1.058	5.8	102	0.02
61 T	Styrene	0.583	0.618	-6.0	102	0.02
62	Isopropylbenzene	1.585	1.472	7.1	101	0.02
63 T	1,1,2,2-Tetrachloroethane	0.835	0.753	9.8	100	0.02
64	n-propylbenzene	0.403	0.394	2.2	100	0.02
65	tert-Butylbenzene	1.443	1.304	9.6	99	0.02
66 T	Benzyl Chloride	0.065	0.078	-20.0	105	0.02
67	sec-Butylbenzene	2.017	1.807	10.4	99	0.02
68 S	1-Bromo-4-Fluorobenzene	0.710	0.740	-4.2	101	0.03
69	p-Isopropyltoluene	1.643	1.514	7.9	98	0.03
70	n-Butylbenzene	1.570	1.476	6.0	97	0.02
71	2-Chlorotoluene	1.162	1.112	4.3	102	0.02
72 T	4-Ethyltoluene	1.336	1.280	4.2	100	0.02
73 T	1,3,5-Trimethylbenzene	1.243	1.154	7.2	100	0.03
74 T	1,2,4-Trimethylbenzene	1.321	1.181	10.6	98	0.03
75 T	1,3-Dichlorobenzene	0.795	0.723	9.1	100	0.02
76 T	1,4-Dichlorobenzene	0.801	0.698	12.9	93	0.02
77 T	1,2-Dichlorobenzene	0.783	0.695	11.2	96	0.03
78 T	Hexachloro-1,3-Butadiene	0.651	0.528	18.9	96	0.02
79 T	Naphthalene	0.884	0.853	3.5	89	0.03
80 T	Naphthalene,2-methyl-	0.246	0.189	23.2	58	0.02
81 T	1,2,4-Trichlorobenzene	0.555	0.522	5.9	93	0.03

(#) = Out of Range

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