

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL030321\
 Data File : VL036446.D
 Acq On : 3 Mar 2021 19:52
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 04 03:26:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 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	98	0.00
2 T	Dichlorodifluoromethane	1.382	1.284	7.1	103	0.00
3	Chlorodifluoromethane	1.183	1.070	9.6	97	0.00
4	Chloromethane	0.562	0.531	5.5	96	0.00
5 T	Vinyl Chloride	0.531	0.519	2.3	97	0.00
6 T	Bromomethane	0.329	0.300	8.8	96	0.00
7	Chloroethane	0.200	0.179	10.5	92	0.00
8 T	Dichlorotetrafluoroethane	1.358	1.256	7.5	99	0.00
9 T	Propene	0.515	0.445	13.6	88	0.00
10 T	Heptane	1.271	1.236	2.8	95	0.00
11 T	Trichlorofluoromethane	1.427	1.281	10.2	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.910	0.821	9.8	94	0.00
13	Ethanol	0.079	0.069	12.7	80	0.00
14 T	Bromoethene	0.378	0.346	8.5	92	0.00
15 T	Acetone	1.143	0.979	14.3	96	0.00
16 T	1,3-Butadiene	0.551	0.513	6.9	96	0.00
17	tert-Butyl alcohol	0.906	0.755	16.7	83	0.00
18 T	1,1-Dichloroethene	0.405	0.360	11.1	95	0.00
19 T	Isopropyl Alcohol	0.642	0.466	27.4	74	0.00
20 T	Methylene Chloride	0.385	0.319	17.1	98	0.00
21 T	Allyl Chloride	0.644	0.592	8.1	91	0.00
22 T	trans-1,2-Dichloroethene	0.367	0.335	8.7	95	0.00
23 T	Vinyl Acetate	1.293	1.238	4.3	90	0.00
24 T	1,1-Dichloroethane	1.021	0.956	6.4	95	0.00
25 T	Ethyl Acetate	2.222	2.060	7.3	94	0.00
26 T	Hexane	0.909	0.835	8.1	94	0.00
27 T	Carbon Disulfide	0.902	0.907	-0.6	93	0.00
28 T	Methyl tert-Butyl Ether	1.218	1.135	6.8	93	0.00
29 T	Chloroform	1.487	1.372	7.7	96	0.00
30 T	Cyclohexane	0.751	0.710	5.5	95	0.00
31 T	cis-1,2-Dichloroethene	0.878	0.849	3.3	95	0.00
32 T	1,1,1-Trichloroethane	1.495	1.344	10.1	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.603	0.533	11.6	94	0.00
35 T	Carbon Tetrachloride	0.646	0.586	9.3	96	0.00
36 T	Benzene	0.776	0.738	4.9	95	0.00
37 T	1,2-Dichloroethane	0.488	0.444	9.0	95	0.00
38 T	Trichloroethene	0.293	0.262	10.6	95	0.00
39 T	1,2-Dichloropropane	0.330	0.295	10.6	97	0.00
40 T	1,4-Dioxane	0.108	0.083	23.1	81	0.00
41 T	Tetrahydrofuran	0.336	0.322	4.2	92	0.00
42 T	Bromodichloromethane	0.659	0.615	6.7	94	0.00
43	Methyl Methacrylate	0.314	0.321	-2.2	94	0.00
44 T	2,2,4-Trimethylpentane	1.415	1.271	10.2	95	0.00
45 T	t-1,3-Dichloropropene	0.306	0.342	-11.8	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.399	0.421	-5.5	94	0.00
47 T	1,1,2-Trichloroethane	0.329	0.297	9.7	94	0.00
48 T	Dibromochloromethane	0.498	0.484	2.8	91	0.00
49 T	Bromoform	0.407	0.383	5.9	87	0.00
50 T	4-Methyl-2-Pentanone	0.878	0.857	2.4	95	0.00
51 T	2-Hexanone	0.663	0.689	-3.9	93	0.00
52 T	Tetrachloroethene	0.291	0.246	15.5	93	0.00
53 T	Toluene	0.836	0.823	1.6	94	0.00
54 T	1,2-Dibromoethane	0.475	0.434	8.6	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
56	1,1,1,2-Tetrachloroethane	0.443	0.373	15.8	92	0.00
57 T	Chlorobenzene	0.722	0.607	15.9	92	0.00
58 T	Ethyl Benzene	1.243	1.126	9.4	93	0.00
59 T	m/p-Xylene	1.099	0.955	13.1	91	0.00
60 T	o-Xylene	1.055	0.903	14.4	92	0.00
61 T	Styrene	0.642	0.633	1.4	90	0.00
62	Isopropylbenzene	1.591	1.330	16.4	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.825	0.602	27.0	86	0.00
64	n-propylbenzene	0.397	0.344	13.4	90	0.00
65	tert-Butylbenzene	1.384	1.108	19.9	88	0.00
66 T	Benzyl Chloride	0.386	0.358	7.3	77	0.00
67	sec-Butylbenzene	1.933	1.578	18.4	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.822	0.832	-1.2	101	0.00
69	p-Isopropyltoluene	1.547	1.297	16.2	89	0.00
70	n-Butylbenzene	1.599	1.355	15.3	90	0.00
71	2-Chlorotoluene	1.197	1.018	15.0	89	0.00
72 T	4-Ethyltoluene	1.146	1.021	10.9	90	0.00
73 T	1,3,5-Trimethylbenzene	1.112	0.953	14.3	89	0.00
74 T	1,2,4-Trimethylbenzene	1.181	0.958	18.9	88	0.00
75 T	1,3-Dichlorobenzene	0.656	0.522	20.4	87	0.00
76 T	1,4-Dichlorobenzene	0.655	0.515	21.4	88	0.00
77 T	1,2-Dichlorobenzene	0.642	0.514	19.9	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.511	0.451	11.7	111	0.00
79 T	Naphthalene	0.692	0.911	-31.6#	118	0.00
80 T	Naphthalene,2-methyl-	0.150	0.232	-54.7#	108	0.00
81 T	1,2,4-Trichlorobenzene	0.398	0.452	-13.6	115	0.00

(#) = Out of Range

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