

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL102021\
 Data File : VL037887.D
 Acq On : 20 Oct 2021 14:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 25 11:50:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 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	81	0.00
2 T	Dichlorodifluoromethane	1.597	1.493	6.5	100	0.00
3	Chlorodifluoromethane	1.921	2.048	-6.6	95	0.00
4	Chloromethane	0.704	0.779	-10.7	98	0.00
5 T	Vinyl Chloride	0.645	0.778	-20.6	96	0.00
6 T	Bromomethane	0.349	0.363	-4.0	92	0.00
7	Chloroethane	0.237	0.272	-14.8	96	0.00
8 T	Dichlorotetrafluoroethane	1.579	1.718	-8.8	98	0.00
9 T	Propene	0.707	0.751	-6.2	93	0.00
10 T	Heptane	1.606	1.914	-19.2	99	0.00
11 T	Trichlorofluoromethane	1.425	1.534	-7.6	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.144	-5.9	95	0.00
13	Ethanol	0.058	0.077	-32.8#	134	0.00
14 T	Bromoethene	0.475	0.527	-10.9	98	0.00
15 T	Acetone	0.898	1.098	-22.3	119	0.00
16 T	1,3-Butadiene	0.653	0.760	-16.4	97	0.00
17	tert-Butyl alcohol	0.925	1.100	-18.9	94	0.00
18 T	1,1-Dichloroethene	0.491	0.543	-10.6	94	0.00
19 T	Isopropyl Alcohol	0.558	0.651	-16.7	93	0.00
20 T	Methylene Chloride	0.454	0.458	-0.9	96	0.00
21 T	Allyl Chloride	0.795	0.862	-8.4	93	0.00
22 T	trans-1,2-Dichloroethene	0.493	0.549	-11.4	93	0.00
23 T	Vinyl Acetate	1.345	1.690	-25.7	110	0.00
24 T	1,1-Dichloroethane	0.979	1.108	-13.2	98	0.00
25 T	Ethyl Acetate	2.519	2.945	-16.9	98	0.00
26 T	Hexane	1.240	1.401	-13.0	98	0.00
27 T	Carbon Disulfide	1.099	1.343	-22.2	96	0.00
28 T	Methyl tert-Butyl Ether	1.033	1.097	-6.2	93	0.00
29 T	Chloroform	1.773	1.915	-8.0	96	0.00
30 T	Cyclohexane	1.052	1.153	-9.6	96	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.267	-12.5	95	0.00
32 T	1,1,1-Trichloroethane	1.681	1.819	-8.2	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.404	0.455	-12.6	99	0.00
35 T	Carbon Tetrachloride	0.568	0.646	-13.7	95	0.00
36 T	Benzene	0.854	0.964	-12.9	95	0.00
37 T	1,2-Dichloroethane	0.402	0.457	-13.7	94	0.00
38 T	Trichloroethene	0.337	0.383	-13.6	98	0.00
39 T	1,2-Dichloropropane	0.321	0.376	-17.1	97	0.00
40 T	1,4-Dioxane	0.080	0.074	7.5	84	0.00
41 T	Tetrahydrofuran	0.198	0.236	-19.2	97	0.00
42 T	Bromodichloromethane	0.591	0.696	-17.8	96	0.00
43	Methyl Methacrylate	0.279	0.350	-25.4	97	0.00
44 T	2,2,4-Trimethylpentane	1.435	1.630	-13.6	97	0.00
45 T	t-1,3-Dichloropropene	0.192	0.235	-22.4	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.266	0.321	-20.7	87	0.00
47 T	1,1,2-Trichloroethane	0.349	0.394	-12.9	96	0.00
48 T	Dibromochloromethane	0.498	0.612	-22.9	95	0.00
49 T	Bromoform	0.381	0.504	-32.3#	96	0.00
50 T	4-Methyl-2-Pentanone	0.526	0.651	-23.8	98	0.00
51 T	2-Hexanone	0.235	0.297	-26.4	93	0.00
52 T	Tetrachloroethene	0.332	0.359	-8.1	98	0.00
53 T	Toluene	0.947	1.131	-19.4	97	0.00
54 T	1,2-Dibromoethane	0.472	0.545	-15.5	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.414	0.454	-9.7	99	0.00
57 T	Chlorobenzene	0.820	0.867	-5.7	97	0.00
58 T	Ethyl Benzene	1.343	1.503	-11.9	96	0.00
59 T	m/p-Xylene	1.153	1.276	-10.7	98	0.00
60 T	o-Xylene	1.105	1.193	-8.0	99	0.00
61 T	Styrene	0.534	0.663	-24.2	97	0.00
62	Isopropylbenzene	1.541	1.644	-6.7	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.852	0.871	-2.2	100	0.00
64	n-propylbenzene	0.384	0.435	-13.3	99	0.00
65	tert-Butylbenzene	1.356	1.480	-9.1	101	0.00
66 T	Benzyl Chloride	0.067	0.075	-11.9	91	0.00
67	sec-Butylbenzene	1.854	2.072	-11.8	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.699	0.667	4.6	79	0.00
69	p-Isopropyltoluene	1.499	1.746	-16.5	103	0.00
70	n-Butylbenzene	1.424	1.754	-23.2	107	0.00
71	2-Chlorotoluene	1.088	1.204	-10.7	98	0.00
72 T	4-Ethyltoluene	1.254	1.458	-16.3	100	0.00
73 T	1,3,5-Trimethylbenzene	1.139	1.281	-12.5	99	0.00
74 T	1,2,4-Trimethylbenzene	1.196	1.352	-13.0	101	0.00
75 T	1,3-Dichlorobenzene	0.741	0.831	-12.1	103	0.00
76 T	1,4-Dichlorobenzene	0.707	0.838	-18.5	106	0.00
77 T	1,2-Dichlorobenzene	0.712	0.825	-15.9	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.581	0.604	-4.0	109	0.00
79 T	Naphthalene	0.733	1.024	-39.7#	112	0.00
80 T	Naphthalene,2-methyl-	0.197	0.257	-30.5#	107	0.00
81 T	1,2,4-Trichlorobenzene	0.469	0.610	-30.1#	112	0.00

(#) = Out of Range

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