

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037765.D
 Acq On : 4 Oct 2021 18:40
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100421

Quant Time: Oct 04 19:12:05 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	1.597	1.928	-20.7	153#	0.00
3	Chlorodifluoromethane	1.921	1.765	8.1	98	0.00
4	Chloromethane	0.704	0.661	6.1	99	0.00
5 T	Vinyl Chloride	0.645	0.647	-0.3	95	0.00
6 T	Bromomethane	0.349	0.337	3.4	101	0.00
7	Chloroethane	0.237	0.230	3.0	96	0.00
8 T	Dichlorotetrafluoroethane	1.579	1.494	5.4	101	0.00
9 T	Propene	0.707	0.671	5.1	99	0.00
10 T	Heptane	1.606	1.599	0.4	98	0.00
11 T	Trichlorofluoromethane	1.425	1.344	5.7	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	1.012	6.3	99	0.00
13	Ethanol	0.058	0.060	-3.4	123	0.00
14 T	Bromoethene	0.475	0.464	2.3	103	0.00
15 T	Acetone	0.898	0.760	15.4	98	0.00
16 T	1,3-Butadiene	0.653	0.616	5.7	93	0.00
17	tert-Butyl alcohol	0.925	0.917	0.9	92	0.00
18 T	1,1-Dichloroethene	0.491	0.459	6.5	94	0.00
19 T	Isopropyl Alcohol	0.558	0.542	2.9	92	0.00
20 T	Methylene Chloride	0.454	0.398	12.3	99	0.00
21 T	Allyl Chloride	0.795	0.747	6.0	95	0.00
22 T	trans-1,2-Dichloroethene	0.493	0.476	3.4	95	0.00
23 T	Vinyl Acetate	1.345	1.500	-11.5	116	0.00
24 T	1,1-Dichloroethane	0.979	0.980	-0.1	103	0.00
25 T	Ethyl Acetate	2.519	2.494	1.0	99	0.00
26 T	Hexane	1.240	1.180	4.8	98	0.00
27 T	Carbon Disulfide	1.099	1.171	-6.6	99	0.00
28 T	Methyl tert-Butyl Ether	1.033	1.122	-8.6	113	0.00
29 T	Chloroform	1.773	1.665	6.1	99	0.00
30 T	Cyclohexane	1.052	1.012	3.8	100	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.113	1.2	100	0.00
32 T	1,1,1-Trichloroethane	1.681	1.612	4.1	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.404	0.383	5.2	98	0.00
35 T	Carbon Tetrachloride	0.568	0.564	0.7	98	0.00
36 T	Benzene	0.854	0.837	2.0	97	0.00
37 T	1,2-Dichloroethane	0.402	0.398	1.0	97	0.00
38 T	Trichloroethene	0.337	0.323	4.2	98	0.00
39 T	1,2-Dichloropropane	0.321	0.322	-0.3	98	0.00
40 T	1,4-Dioxane	0.080	0.077	3.8	104	0.00
41 T	Tetrahydrofuran	0.198	0.205	-3.5	99	0.00
42 T	Bromodichloromethane	0.591	0.604	-2.2	99	0.00
43	Methyl Methacrylate	0.279	0.300	-7.5	98	0.00
44 T	2,2,4-Trimethylpentane	1.435	1.393	2.9	98	0.00
45 T	t-1,3-Dichloropropene	0.192	0.228	-18.8	101	0.00
46 T	cis-1,3-Dichloropropene	0.266	0.300	-12.8	97	0.00
47 T	1,1,2-Trichloroethane	0.349	0.334	4.3	96	0.00
48 T	Dibromochloromethane	0.498	0.535	-7.4	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.381	0.452	-18.6	101	0.00
50 T	4-Methyl-2-Pentanone	0.526	0.563	-7.0	100	0.00
51 T	2-Hexanone	0.235	0.263	-11.9	97	0.00
52 T	Tetrachloroethene	0.332	0.306	7.8	99	0.00
53 T	Toluene	0.947	0.960	-1.4	98	0.00
54 T	1,2-Dibromoethane	0.472	0.470	0.4	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.414	0.392	5.3	101	0.00
57 T	Chlorobenzene	0.820	0.747	8.9	99	0.00
58 T	Ethyl Benzene	1.343	1.312	2.3	100	0.00
59 T	m/p-Xylene	1.153	1.080	6.3	98	0.00
60 T	o-Xylene	1.105	1.020	7.7	100	0.00
61 T	Styrene	0.534	0.586	-9.7	101	0.00
62	Isopropylbenzene	1.541	1.420	7.9	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.852	0.728	14.6	99	0.00
64	n-propylbenzene	0.384	0.379	1.3	102	0.00
65	tert-Butylbenzene	1.356	1.225	9.7	99	0.00
66 T	Benzyl Chloride	0.067	0.070	-4.5	101	0.00
67	sec-Butylbenzene	1.854	1.704	8.1	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.699	0.698	0.1	98	0.00
69	p-Isopropyltoluene	1.499	1.406	6.2	99	0.00
70	n-Butylbenzene	1.424	1.359	4.6	98	0.00
71	2-Chlorotoluene	1.088	1.054	3.1	101	0.00
72 T	4-Ethyltoluene	1.254	1.219	2.8	99	0.00
73 T	1,3,5-Trimethylbenzene	1.139	1.091	4.2	100	0.00
74 T	1,2,4-Trimethylbenzene	1.196	1.101	7.9	97	0.00
75 T	1,3-Dichlorobenzene	0.741	0.680	8.2	100	0.00
76 T	1,4-Dichlorobenzene	0.707	0.656	7.2	98	0.00
77 T	1,2-Dichlorobenzene	0.712	0.650	8.7	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.581	0.453	22.0	97	0.00
79 T	Naphthalene	0.733	0.733	0.0	95	0.00
80 T	Naphthalene,2-methyl-	0.197	0.170	13.7	84	0.00
81 T	1,2,4-Trichlorobenzene	0.469	0.447	4.7	97	0.00

(#) = Out of Range

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