

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032749.D
 Acq On : 14 Nov 2018 6:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111418

Quant Time: Nov 14 07:39:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 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	102	0.00
2 T	Dichlorodifluoromethane	1.437	1.245	13.4	98	0.00
3	Chlorodifluoromethane	0.793	0.715	9.8	102	0.00
4	Chloromethane	0.440	0.403	8.4	105	0.00
5 T	Vinyl Chloride	0.466	0.411	11.8	104	0.00
6 T	Bromomethane	0.285	0.263	7.7	101	0.00
7	Chloroethane	0.168	0.154	8.3	103	0.00
8 T	Dichlorotetrafluoroethane	1.133	0.976	13.9	100	0.00
9 T	Propene	0.317	0.317	0.0	110	0.00
10 T	Heptane	1.211	1.226	-1.2	103	0.00
11 T	Trichlorofluoromethane	1.355	1.072	20.9	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.106	0.944	14.6	101	0.00
13	Ethanol	0.104	0.083	20.2	114	0.00
14 T	Bromoethene	0.367	0.336	8.4	103	0.00
15 T	Acetone	0.913	0.694	24.0	100	0.00
16 T	1,3-Butadiene	0.354	0.343	3.1	95	0.00
17	tert-Butyl alcohol	0.286	0.277	3.1	99	0.00
18 T	1,1-Dichloroethene	0.544	0.480	11.8	96	0.00
19 T	Isopropyl Alcohol	0.608	0.562	7.6	110	0.00
20 T	Methylene Chloride	0.473	0.404	14.6	95	0.00
21 T	Allyl Chloride	0.767	0.707	7.8	104	0.00
22 T	trans-1,2-Dichloroethene	0.531	0.440	17.1	87	0.00
23 T	Vinyl Acetate	1.665	1.699	-2.0	98	0.00
24 T	1,1-Dichloroethane	1.323	1.236	6.6	95	0.00
25 T	Ethyl Acetate	2.128	1.997	6.2	103	0.00
26 T	Hexane	0.947	0.922	2.6	103	0.00
27 T	Carbon Disulfide	1.201	1.107	7.8	99	0.00
28 T	Methyl tert-Butyl Ether	1.511	1.543	-2.1	98	0.00
29 T	Chloroform	1.689	1.519	10.1	101	0.00
30 T	Cyclohexane	0.829	0.847	-2.2	105	0.00
31 T	cis-1,2-Dichloroethene	0.953	0.965	-1.3	104	0.00
32 T	1,1,1-Trichloroethane	1.851	1.629	12.0	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.519	0.508	2.1	105	0.00
35 T	Carbon Tetrachloride	0.804	0.671	16.5	99	0.00
36 T	Benzene	0.796	0.783	1.6	106	0.00
37 T	1,2-Dichloroethane	0.536	0.476	11.2	99	0.00
38 T	Trichloroethene	0.322	0.302	6.2	101	0.00
39 T	1,2-Dichloropropane	0.303	0.294	3.0	105	0.00
40 T	1,4-Dioxane	0.108	0.119	-10.2	121	0.00
41 T	Tetrahydrofuran	0.298	0.311	-4.4	107	0.00
42 T	Bromodichloromethane	0.727	0.670	7.8	101	0.00
43	Methyl Methacrylate	0.297	0.311	-4.7	103	0.00
44 T	2,2,4-Trimethylpentane	1.331	1.287	3.3	103	0.00
45 T	t-1,3-Dichloropropene	0.399	0.461	-15.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.482	0.527	-9.3	103	0.00
47 T	1,1,2-Trichloroethane	0.359	0.342	4.7	103	0.00
48 T	Dibromochloromethane	0.610	0.619	-1.5	100	0.00
49 T	Bromoform	0.504	0.474	6.0	98	0.00
50 T	4-Methyl-2-Pentanone	0.810	0.809	0.1	102	0.00
51 T	2-Hexanone	0.522	0.572	-9.6	101	0.00
52 T	Tetrachloroethene	0.277	0.271	2.2	103	0.00
53 T	Toluene	0.831	0.891	-7.2	103	0.00
54 T	1,2-Dibromoethane	0.507	0.497	2.0	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
56	1,1,1,2-Tetrachloroethane	0.466	0.395	15.2	100	0.00
57 T	Chlorobenzene	0.765	0.661	13.6	101	0.00
58 T	Ethyl Benzene	1.203	1.185	1.5	102	0.00
59 T	m/p-Xylene	1.071	0.986	7.9	101	0.00
60 T	o-Xylene	1.077	0.955	11.3	99	0.00
61 T	Styrene	0.701	0.742	-5.8	103	0.00
62	Isopropylbenzene	1.456	1.344	7.7	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.840	0.663	21.1	100	0.00
64	n-propylbenzene	0.383	0.358	6.5	101	0.00
65	tert-Butylbenzene	1.305	1.216	6.8	100	0.00
66 T	Benzyl Chloride	0.722	0.743	-2.9	99	0.00
67	sec-Butylbenzene	1.881	1.713	8.9	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.699	6.6	94	0.00
69	p-Isopropyltoluene	1.496	1.408	5.9	101	0.00
70	n-Butylbenzene	1.519	1.414	6.9	100	0.00
71	2-Chlorotoluene	1.086	1.057	2.7	101	0.00
72 T	4-Ethyltoluene	1.181	1.143	3.2	101	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.087	5.8	101	0.00
74 T	1,2,4-Trimethylbenzene	1.235	1.093	11.5	100	0.00
75 T	1,3-Dichlorobenzene	0.709	0.613	13.5	98	0.00
76 T	1,4-Dichlorobenzene	0.662	0.609	8.0	99	0.00
77 T	1,2-Dichlorobenzene	0.656	0.590	10.1	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.354	0.260	26.6	78	0.00
79 T	Naphthalene	0.812	0.853	-5.0	99	0.00
80 T	Naphthalene,2-methyl-	0.203	0.265	-30.5#	91	0.00
81 T	1,2,4-Trichlorobenzene	0.408	0.414	-1.5	100	0.00

(#) = Out of Range

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