

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032438.D
 Acq On : 31 Aug 2018 5:44
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL083118

Quant Time: Sep 02 22:03:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 08:15:23 2018
 QLast Update : Fri Aug 31 08:15:23 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	1.279	0.972	24.0	76	0.00
3	Chlorodifluoromethane	0.905	0.843	6.9	103	0.00
4	Chloromethane	0.548	0.521	4.9	104	0.00
5 T	Vinyl Chloride	0.541	0.491	9.2	102	0.00
6 T	Bromomethane	0.284	0.280	1.4	105	0.00
7	Chloroethane	0.187	0.184	1.6	106	0.00
8 T	Dichlorotetrafluoroethane	1.135	1.049	7.6	103	0.00
9 T	Propene	0.365	0.388	-6.3	104	0.00
10 T	Heptane	1.310	1.377	-5.1	100	0.00
11 T	Trichlorofluoromethane	1.153	1.080	6.3	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.722	7.7	104	0.00
13	Ethanol	0.114	0.095	16.7	105	0.00
14 T	Bromoethene	0.331	0.334	-0.9	102	0.00
15 T	Acetone	0.901	0.823	8.7	104	0.00
16 T	1,3-Butadiene	0.424	0.423	0.2	111	0.00
17	tert-Butyl alcohol	0.139	0.123	11.5	95	0.00
18 T	1,1-Dichloroethene	0.357	0.350	2.0	105	0.00
19 T	Isopropyl Alcohol	0.591	0.641	-8.5	115	0.00
20 T	Methylene Chloride	0.343	0.312	9.0	105	0.00
21 T	Allyl Chloride	0.598	0.618	-3.3	105	0.00
22 T	trans-1,2-Dichloroethene	0.388	0.354	8.8	95	0.00
23 T	Vinyl Acetate	1.493	1.539	-3.1	100	0.00
24 T	1,1-Dichloroethane	1.230	1.065	13.4	92	0.00
25 T	Ethyl Acetate	2.127	1.994	6.3	99	0.00
26 T	Hexane	0.952	0.918	3.6	98	0.00
27 T	Carbon Disulfide	0.879	0.907	-3.2	104	0.00
28 T	Methyl tert-Butyl Ether	1.169	1.089	6.8	90	0.00
29 T	Chloroform	1.452	1.327	8.6	99	0.00
30 T	Cyclohexane	0.697	0.737	-5.7	99	0.00
31 T	cis-1,2-Dichloroethene	0.862	0.907	-5.2	101	0.00
32 T	1,1,1-Trichloroethane	1.353	1.244	8.1	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
34 T	2-Butanone	0.664	0.660	0.6	102	0.00
35 T	Carbon Tetrachloride	0.672	0.602	10.4	100	0.00
36 T	Benzene	0.851	0.854	-0.4	100	0.00
37 T	1,2-Dichloroethane	0.522	0.488	6.5	99	0.00
38 T	Trichloroethene	0.323	0.331	-2.5	110	0.00
39 T	1,2-Dichloropropane	0.364	0.350	3.8	101	0.00
40 T	1,4-Dioxane	0.109	0.132	-21.1	116	0.00
41 T	Tetrahydrofuran	0.362	0.384	-6.1	100	0.00
42 T	Bromodichloromethane	0.719	0.731	-1.7	107	0.00
43	Methyl Methacrylate	0.361	0.397	-10.0	100	0.00
44 T	2,2,4-Trimethylpentane	1.645	1.678	-2.0	102	0.00
45 T	t-1,3-Dichloropropene	0.386	0.472	-22.3	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.576	-16.6	101	0.00
47 T	1,1,2-Trichloroethane	0.387	0.375	3.1	109	0.00
48 T	Dibromochloromethane	0.536	0.524	2.2	96	0.00
49 T	Bromoform	0.466	0.465	0.2	98	0.00
50 T	4-Methyl-2-Pentanone	1.001	1.013	-1.2	98	0.00
51 T	2-Hexanone	0.645	0.718	-11.3	99	0.00
52 T	Tetrachloroethene	0.264	0.255	3.4	99	0.00
53 T	Toluene	0.890	0.939	-5.5	101	0.00
54 T	1,2-Dibromoethane	0.520	0.555	-6.7	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.451	0.393	12.9	98	0.00
57 T	Chlorobenzene	0.799	0.706	11.6	98	0.00
58 T	Ethyl Benzene	1.197	1.266	-5.8	98	0.00
59 T	m/p-Xylene	1.067	1.037	2.8	98	0.00
60 T	o-Xylene	1.048	1.018	2.9	98	0.00
61 T	Styrene	0.678	0.775	-14.3	100	0.00
62	Isopropylbenzene	1.473	1.414	4.0	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.937	0.782	16.5	97	0.00
64	n-propylbenzene	0.385	0.378	1.8	98	0.00
65	tert-Butylbenzene	1.270	1.196	5.8	98	0.00
66 T	Benzyl Chloride	0.707	0.763	-7.9	103	0.00
67	sec-Butylbenzene	1.909	1.804	5.5	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.742	0.719	3.1	97	0.00
69	p-Isopropyltoluene	1.480	1.442	2.6	99	0.00
70	n-Butylbenzene	1.677	1.606	4.2	99	0.00
71	2-Chlorotoluene	1.126	1.139	-1.2	99	0.00
72 T	4-Ethyltoluene	1.144	1.197	-4.6	99	0.00
73 T	1,3,5-Trimethylbenzene	1.146	1.136	0.9	99	0.00
74 T	1,2,4-Trimethylbenzene	1.253	1.127	10.1	98	0.00
75 T	1,3-Dichlorobenzene	0.744	0.643	13.6	99	0.00
76 T	1,4-Dichlorobenzene	0.690	0.652	5.5	101	0.00
77 T	1,2-Dichlorobenzene	0.717	0.644	10.2	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.268	0.386	-44.0#	185#	0.00
79 T	Naphthalene	1.019	1.105	-8.4	101	0.00
80 T	Naphthalene,2-methyl-	0.271	0.436	-60.9#	112	0.00
81 T	1,2,4-Trichlorobenzene	0.513	0.522	-1.8	101	0.00

(#) = Out of Range

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