

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020519\
 Data File : VL033176.D
 Acq On : 6 Feb 2019 6:59
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020519

Quant Time: Feb 06 09:17:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
 QLast Update : Wed Feb 06 09:13:11 2019
 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	107	0.00
2 T	Dichlorodifluoromethane	1.912	1.647	13.9	98	0.00
3	Chlorodifluoromethane	1.204	1.121	6.9	107	0.00
4	Chloromethane	0.636	0.603	5.2	107	0.00
5 T	Vinyl Chloride	0.664	0.587	11.6	110	0.00
6 T	Bromomethane	0.365	0.369	-1.1	114	0.00
7	Chloroethane	0.217	0.221	-1.8	116	0.00
8 T	Dichlorotetrafluoroethane	1.495	1.380	7.7	111	0.00
9 T	Propene	0.582	0.535	8.1	109	0.00
10 T	Heptane	1.760	1.381	21.5	93	0.00
11 T	Trichlorofluoromethane	1.548	1.480	4.4	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.073	0.995	7.3	108	0.00
13	Ethanol	0.194	0.152	21.6	126	0.00
14 T	Bromoethene	0.463	0.461	0.4	113	0.00
15 T	Acetone	1.127	1.002	11.1	112	0.00
16 T	1,3-Butadiene	0.535	0.502	6.2	108	0.00
17	tert-Butyl alcohol	0.215	0.230	-7.0	118	0.00
18 T	1,1-Dichloroethene	0.480	0.470	2.1	109	0.00
19 T	Isopropyl Alcohol	0.764	0.741	3.0	121	0.00
20 T	Methylene Chloride	0.448	0.393	12.3	108	0.00
21 T	Allyl Chloride	0.744	0.747	-0.4	109	0.00
22 T	trans-1,2-Dichloroethene	0.466	0.458	1.7	110	0.00
23 T	Vinyl Acetate	1.953	1.937	0.8	112	0.00
24 T	1,1-Dichloroethane	1.381	1.315	4.8	114	0.00
25 T	Ethyl Acetate	2.533	2.242	11.5	112	0.00
26 T	Hexane	1.189	1.022	14.0	112	0.00
27 T	Carbon Disulfide	1.089	1.134	-4.1	108	0.00
28 T	Methyl tert-Butyl Ether	1.625	1.565	3.7	113	0.00
29 T	Chloroform	1.822	1.630	10.5	110	0.00
30 T	Cyclohexane	1.103	0.907	17.8	96	0.00
31 T	cis-1,2-Dichloroethene	1.190	1.077	9.5	110	0.00
32 T	1,1,1-Trichloroethane	2.007	1.555	22.5	108	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.634	0.645	-1.7	112	0.00
35 T	Carbon Tetrachloride	0.764	0.672	12.0	94	0.00
36 T	Benzene	1.013	0.900	11.2	105	0.00
37 T	1,2-Dichloroethane	0.562	0.513	8.7	111	0.00
38 T	Trichloroethene	0.434	0.329	24.2	96	0.00
39 T	1,2-Dichloropropane	0.400	0.349	12.8	94	0.00
40 T	1,4-Dioxane	0.145	0.125	13.8	100	0.00
41 T	Tetrahydrofuran	0.393	0.367	6.6	108	0.00
42 T	Bromodichloromethane	0.814	0.736	9.6	95	0.00
43	Methyl Methacrylate	0.407	0.367	9.8	94	0.00
44 T	2,2,4-Trimethylpentane	1.717	1.475	14.1	96	0.00
45 T	t-1,3-Dichloropropene	0.452	0.478	-5.8	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.576	0.554	3.8	94	0.00
47 T	1,1,2-Trichloroethane	0.415	0.363	12.5	94	0.00
48 T	Dibromochloromethane	0.654	0.610	6.7	93	0.00
49 T	Bromoform	0.563	0.535	5.0	93	0.00
50 T	4-Methyl-2-Pentanone	1.017	0.902	11.3	94	0.00
51 T	2-Hexanone	0.802	0.725	9.6	93	0.00
52 T	Tetrachloroethene	0.389	0.316	18.8	94	0.00
53 T	Toluene	1.200	1.054	12.2	94	0.00
54 T	1,2-Dibromoethane	0.651	0.570	12.4	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.459	0.407	11.3	94	0.00
57 T	Chlorobenzene	0.873	0.725	17.0	94	0.00
58 T	Ethyl Benzene	1.618	1.378	14.8	94	0.00
59 T	m/p-Xylene	1.351	1.123	16.9	94	-0.03
60 T	o-Xylene	1.313	1.079	17.8	94	0.00
61 T	Styrene	0.991	0.850	14.2	93	0.00
62	Isopropylbenzene	1.853	1.549	16.4	94	0.00
63 T	1,1,2,2-Tetrachloroethane	1.032	0.742	28.1	94	0.00
64	n-propylbenzene	0.471	0.400	15.1	94	0.00
65	tert-Butylbenzene	1.613	1.344	16.7	94	0.00
66 T	Benzyl Chloride	0.573	0.689	-20.2	92	0.00
67	sec-Butylbenzene	2.342	1.935	17.4	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.736	4.4	90	0.00
69	p-Isopropyltoluene	1.951	1.594	18.3	93	0.00
70	n-Butylbenzene	2.105	1.716	18.5	94	0.00
71	2-Chlorotoluene	1.456	1.218	16.3	94	0.00
72 T	4-Ethyltoluene	1.514	1.301	14.1	94	0.00
73 T	1,3,5-Trimethylbenzene	1.448	1.238	14.5	94	0.00
74 T	1,2,4-Trimethylbenzene	1.503	1.228	18.3	94	0.00
75 T	1,3-Dichlorobenzene	0.867	0.723	16.6	94	0.00
76 T	1,4-Dichlorobenzene	0.858	0.726	15.4	93	0.00
77 T	1,2-Dichlorobenzene	0.856	0.707	17.4	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.426	0.515	-20.9	148	0.00
79 T	Naphthalene	1.614	1.296	19.7	90	0.00
80 T	Naphthalene,2-methyl-	0.817	0.599	26.7	90	0.00
81 T	1,2,4-Trichlorobenzene	0.820	0.639	22.1	90	0.00

(#) = Out of Range

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