

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033157.D
 Acq On : 4 Feb 2019 15:04
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020419

Quant Time: Feb 05 01:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 04 14:41:39 2019
 QLast Update : Mon Feb 04 14:41:39 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	94	0.00
2 T	Dichlorodifluoromethane	1.473	1.624	-10.3	126	0.00
3	Chlorodifluoromethane	1.114	1.031	7.5	91	0.00
4	Chloromethane	0.627	0.572	8.8	88	0.00
5 T	Vinyl Chloride	0.619	0.558	9.9	89	0.00
6 T	Bromomethane	0.349	0.332	4.9	92	0.00
7	Chloroethane	0.210	0.203	3.3	91	0.00
8 T	Dichlorotetrafluoroethane	1.350	1.259	6.7	93	0.00
9 T	Propene	0.560	0.520	7.1	91	0.00
10 T	Heptane	1.743	1.609	7.7	89	0.00
11 T	Trichlorofluoromethane	1.423	1.373	3.5	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.924	0.889	3.8	93	0.00
13	Ethanol	0.221	0.127	42.5#	79	0.00
14 T	Bromoethene	0.426	0.427	-0.2	93	0.00
15 T	Acetone	1.191	1.045	12.3	100	0.00
16 T	1,3-Butadiene	0.483	0.482	0.2	90	0.00
17	tert-Butyl alcohol	0.263	0.244	7.2	85	0.00
18 T	1,1-Dichloroethene	0.425	0.424	0.2	95	0.00
19 T	Isopropyl Alcohol	0.846	0.803	5.1	86	0.00
20 T	Methylene Chloride	0.410	0.362	11.7	96	0.00
21 T	Allyl Chloride	0.717	0.727	-1.4	95	0.00
22 T	trans-1,2-Dichloroethene	0.420	0.413	1.7	95	0.00
23 T	Vinyl Acetate	1.937	1.937	0.0	94	0.00
24 T	1,1-Dichloroethane	1.321	1.289	2.4	94	0.00
25 T	Ethyl Acetate	2.460	2.142	12.9	93	0.00
26 T	Hexane	1.151	0.977	15.1	93	0.00
27 T	Carbon Disulfide	0.991	1.039	-4.8	91	0.00
28 T	Methyl tert-Butyl Ether	1.675	1.607	4.1	90	0.00
29 T	Chloroform	1.742	1.510	13.3	93	0.00
30 T	Cyclohexane	1.105	1.011	8.5	85	0.00
31 T	cis-1,2-Dichloroethene	1.097	1.029	6.2	93	0.00
32 T	1,1,1-Trichloroethane	1.717	1.691	1.5	85	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
34 T	2-Butanone	0.629	0.543	13.7	93	0.00
35 T	Carbon Tetrachloride	0.640	0.608	5.0	85	0.00
36 T	Benzene	1.011	0.874	13.6	86	0.00
37 T	1,2-Dichloroethane	0.516	0.473	8.3	88	0.00
38 T	Trichloroethene	0.367	0.310	15.5	86	0.00
39 T	1,2-Dichloropropane	0.388	0.350	9.8	89	0.00
40 T	1,4-Dioxane	0.151	0.126	16.6	89	0.00
41 T	Tetrahydrofuran	0.391	0.377	3.6	109	0.00
42 T	Bromodichloromethane	0.756	0.702	7.1	87	0.00
43	Methyl Methacrylate	0.402	0.366	9.0	88	0.00
44 T	2,2,4-Trimethylpentane	1.696	1.463	13.7	87	0.00
45 T	t-1,3-Dichloropropene	0.496	0.473	4.6	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.543	9.0	85	0.00
47 T	1,1,2-Trichloroethane	0.416	0.341	18.0	87	0.00
48 T	Dibromochloromethane	0.620	0.550	11.3	84	0.00
49 T	Bromoform	0.511	0.428	16.2	78	0.00
50 T	4-Methyl-2-Pentanone	1.138	0.890	21.8	88	0.00
51 T	2-Hexanone	0.955	0.710	25.7	89	0.00
52 T	Tetrachloroethene	0.351	0.288	17.9	89	0.00
53 T	Toluene	1.201	1.000	16.7	87	0.00
54 T	1,2-Dibromoethane	0.630	0.529	16.0	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.432	0.387	10.4	84	0.00
57 T	Chlorobenzene	0.834	0.712	14.6	84	0.00
58 T	Ethyl Benzene	1.573	1.349	14.2	84	0.00
59 T	m/p-Xylene	1.288	1.097	14.8	86	0.00
60 T	o-Xylene	1.189	1.027	13.6	84	0.00
61 T	Styrene	0.951	0.814	14.4	81	0.00
62	Isopropylbenzene	1.697	1.435	15.4	81	0.00
63 T	1,1,2,2-Tetrachloroethane	0.853	0.666	21.9	78	0.00
64	n-propylbenzene	0.443	0.367	17.2	77	0.00
65	tert-Butylbenzene	1.522	1.167	23.3	74	0.00
66 T	Benzyl Chloride	0.691	0.596	13.7	60	0.00
67	sec-Butylbenzene	2.176	1.684	22.6	74	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.777	-4.3	89	0.00
69	p-Isopropyltoluene	1.798	1.384	23.0	74	0.00
70	n-Butylbenzene	1.957	1.460	25.4	76	0.00
71	2-Chlorotoluene	1.345	1.099	18.3	76	0.00
72 T	4-Ethyltoluene	1.421	1.162	18.2	76	0.00
73 T	1,3,5-Trimethylbenzene	1.370	1.089	20.5	75	0.00
74 T	1,2,4-Trimethylbenzene	1.397	1.065	23.8	74	0.00
75 T	1,3-Dichlorobenzene	0.771	0.580	24.8	73	0.00
76 T	1,4-Dichlorobenzene	0.775	0.589	24.0	72	0.00
77 T	1,2-Dichlorobenzene	0.767	0.582	24.1	72	0.00
78 T	Hexachloro-1,3-Butadiene	0.382	0.427	-11.8	124	0.00
79 T	Naphthalene	1.636	1.238	24.3	78	0.00
80 T	Naphthalene,2-methyl-	0.834	0.506	39.3#	66	0.00
81 T	1,2,4-Trichlorobenzene	0.742	0.553	25.5	76	0.00

(#) = Out of Range

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