

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111919\
 Data File : VL034381.D
 Acq On : 19 Nov 2019 15:26
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111919

Quant Time: Nov 20 04:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Wed Nov 20 03:30:54 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	99	0.00
2 T	Dichlorodifluoromethane	1.809	1.622	10.3	92	0.00
3	Chlorodifluoromethane	1.248	1.114	10.7	99	0.00
4	Chloromethane	0.736	0.691	6.1	105	0.00
5 T	Vinyl Chloride	0.690	0.623	9.7	100	0.00
6 T	Bromomethane	0.347	0.333	4.0	100	0.00
7	Chloroethane	0.250	0.235	6.0	103	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.414	13.0	97	0.00
9 T	Propene	0.554	0.537	3.1	107	0.00
10 T	Heptane	1.430	1.362	4.8	103	0.00
11 T	Trichlorofluoromethane	1.800	1.563	13.2	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.072	10.4	101	0.00
13	Ethanol	0.154	0.119	22.7	101	0.00
14 T	Bromoethene	0.486	0.451	7.2	98	0.00
15 T	Acetone	1.432	1.236	13.7	106	0.00
16 T	1,3-Butadiene	0.624	0.586	6.1	99	0.00
17	tert-Butyl alcohol	1.204	1.201	0.2	104	0.00
18 T	1,1-Dichloroethene	0.523	0.480	8.2	100	0.00
19 T	Isopropyl Alcohol	0.918	0.947	-3.2	102	0.00
20 T	Methylene Chloride	0.508	0.422	16.9	99	0.00
21 T	Allyl Chloride	0.858	0.834	2.8	102	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.491	6.8	99	0.00
23 T	Vinyl Acetate	1.871	1.874	-0.2	106	0.00
24 T	1,1-Dichloroethane	1.437	1.316	8.4	101	0.00
25 T	Ethyl Acetate	2.555	2.328	8.9	101	0.00
26 T	Hexane	1.098	1.006	8.4	102	0.00
27 T	Carbon Disulfide	1.196	1.236	-3.3	98	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.753	3.7	101	0.00
29 T	Chloroform	1.778	1.597	10.2	98	0.00
30 T	Cyclohexane	0.830	0.824	0.7	102	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.089	4.1	100	0.00
32 T	1,1,1-Trichloroethane	1.667	1.585	4.9	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.823	0.756	8.1	103	0.00
35 T	Carbon Tetrachloride	0.860	0.780	9.3	96	0.00
36 T	Benzene	1.000	0.947	5.3	103	0.00
37 T	1,2-Dichloroethane	0.743	0.642	13.6	95	0.00
38 T	Trichloroethene	0.410	0.358	12.7	98	0.00
39 T	1,2-Dichloropropane	0.385	0.390	-1.3	101	0.00
40 T	1,4-Dioxane	0.168	0.150	10.7	101	0.00
41 T	Tetrahydrofuran	0.462	0.444	3.9	105	0.00
42 T	Bromodichloromethane	0.929	0.835	10.1	96	0.00
43	Methyl Methacrylate	0.415	0.411	1.0	105	0.00
44 T	2,2,4-Trimethylpentane	1.827	1.628	10.9	100	0.00
45 T	t-1,3-Dichloropropene	0.532	0.555	-4.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111919\
 Data File : VL034381.D
 Acq On : 19 Nov 2019 15:26
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL111919

Quant Time: Nov 20 04:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Wed Nov 20 03:30:54 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)
46 T	cis-1,3-Dichloropropene	0.597	0.610	-2.2	99	0.00
47 T	1,1,2-Trichloroethane	0.428	0.387	9.6	98	0.00
48 T	Dibromochloromethane	0.736	0.683	7.2	94	0.00
49 T	Bromoform	0.657	0.604	8.1	92	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.096	8.0	100	0.00
51 T	2-Hexanone	0.998	0.931	6.7	101	0.00
52 T	Tetrachloroethene	0.433	0.359	17.1	100	0.00
53 T	Toluene	1.135	1.080	4.8	100	0.00
54 T	1,2-Dibromoethane	0.657	0.596	9.3	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.427	12.7	94	0.00
57 T	Chlorobenzene	0.904	0.762	15.7	97	0.00
58 T	Ethyl Benzene	1.552	1.388	10.6	98	0.00
59 T	m/p-Xylene	1.341	1.139	15.1	95	0.00
60 T	o-Xylene	1.326	1.125	15.2	96	0.00
61 T	Styrene	0.956	0.853	10.8	96	0.00
62	Isopropylbenzene	1.754	1.474	16.0	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.752	24.6	92	0.00
64	n-propylbenzene	0.456	0.381	16.4	94	0.00
65	tert-Butylbenzene	1.576	1.275	19.1	94	0.00
66 T	Benzyl Chloride	0.606	0.590	2.6	89	0.00
67	sec-Butylbenzene	2.204	1.785	19.0	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.796	5.4	96	0.00
69	p-Isopropyltoluene	1.829	1.486	18.8	94	0.00
70	n-Butylbenzene	1.968	1.598	18.8	96	0.00
71	2-Chlorotoluene	1.399	1.162	16.9	95	0.00
72 T	4-Ethyltoluene	1.533	1.292	15.7	95	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.230	18.0	94	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.255	21.2	94	0.00
75 T	1,3-Dichlorobenzene	0.916	0.711	22.4	93	0.00
76 T	1,4-Dichlorobenzene	0.889	0.720	19.0	94	0.00
77 T	1,2-Dichlorobenzene	0.885	0.704	20.5	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.681	10.4	110	0.00
79 T	Naphthalene	1.381	1.378	0.2	116	0.00
80 T	Naphthalene,2-methyl-	0.624	0.702	-12.5	106	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.800	5.8	112	0.00

(#) = Out of Range

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