

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111621\
 Data File : VL038030.D
 Acq On : 16 Nov 2021 6:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVL111621

Quant Time: Nov 16 10:03:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
 QLast Update : Tue Nov 16 09:59:16 2021
 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	81	0.00
2 T	Dichlorodifluoromethane	2.034	1.836	9.7	83	0.00
3	Chlorodifluoromethane	2.600	2.363	9.1	85	0.00
4	Chloromethane	0.925	0.865	6.5	84	0.00
5 T	Vinyl Chloride	0.888	0.865	2.6	84	0.00
6 T	Bromomethane	0.475	0.451	5.1	85	0.00
7	Chloroethane	0.312	0.290	7.1	83	0.00
8 T	Dichlorotetrafluoroethane	2.107	1.950	7.5	86	0.00
9 T	Propene	0.980	0.887	9.5	84	0.00
10 T	Heptane	2.413	2.199	8.9	85	0.00
11 T	Trichlorofluoromethane	2.010	1.894	5.8	88	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.558	1.456	6.5	86	0.00
13	Ethanol	0.087	0.079	9.2	85	0.00
14 T	Bromoethene	0.651	0.608	6.6	89	0.00
15 T	Acetone	1.176	1.005	14.5	86	0.00
16 T	1,3-Butadiene	0.871	0.832	4.5	85	0.00
17	tert-Butyl alcohol	1.579	1.441	8.7	79	0.00
18 T	1,1-Dichloroethene	0.719	0.680	5.4	87	0.00
19 T	Isopropyl Alcohol	0.861	0.735	14.6	81	0.00
20 T	Methylene Chloride	0.690	0.562	18.6	87	0.00
21 T	Allyl Chloride	1.177	1.092	7.2	84	0.00
22 T	trans-1,2-Dichloroethene	0.725	0.699	3.6	84	0.00
23 T	Vinyl Acetate	1.947	1.825	6.3	84	0.00
24 T	1,1-Dichloroethane	1.519	1.433	5.7	85	0.00
25 T	Ethyl Acetate	2.766	2.477	10.4	82	0.00
26 T	Hexane	1.389	1.162	16.3	79	0.00
27 T	Carbon Disulfide	1.822	1.802	1.1	86	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.673	6.1	85	0.00
29 T	Chloroform	2.093	1.973	5.7	82	0.00
30 T	Cyclohexane	1.565	1.394	10.9	84	0.00
31 T	cis-1,2-Dichloroethene	1.150	1.109	3.6	86	0.00
32 T	1,1,1-Trichloroethane	2.656	2.363	11.0	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.330	0.283	14.2	86	0.00
35 T	Carbon Tetrachloride	0.691	0.592	14.3	87	0.00
36 T	Benzene	0.951	0.841	11.6	86	0.00
37 T	1,2-Dichloroethane	0.442	0.406	8.1	85	0.00
38 T	Trichloroethene	0.386	0.306	20.7	85	0.00
39 T	1,2-Dichloropropane	0.368	0.328	10.9	84	0.00
40 T	1,4-Dioxane	0.095	0.083	12.6	94	0.00
41 T	Tetrahydrofuran	0.237	0.213	10.1	85	0.00
42 T	Bromodichloromethane	0.695	0.628	9.6	85	0.00
43	Methyl Methacrylate	0.339	0.310	8.6	85	0.00
44 T	2,2,4-Trimethylpentane	1.634	1.379	15.6	86	0.00
45 T	t-1,3-Dichloropropene	0.281	0.279	0.7	84	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.367	0.351	4.4	85	0.00
47 T	1,1,2-Trichloroethane	0.373	0.339	9.1	86	0.00
48 T	Dibromochloromethane	0.607	0.556	8.4	87	0.00
49 T	Bromoform	0.469	0.422	10.0	85	0.00
50 T	4-Methyl-2-Pentanone	0.595	0.542	8.9	85	0.00
51 T	2-Hexanone	0.278	0.259	6.8	87	0.00
52 T	Tetrachloroethene	0.359	0.286	20.3	85	0.00
53 T	Toluene	1.112	0.970	12.8	86	0.00
54 T	1,2-Dibromoethane	0.523	0.484	7.5	87	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.388	11.2	85	0.00
57 T	Chlorobenzene	0.820	0.740	9.8	86	0.00
58 T	Ethyl Benzene	1.519	1.360	10.5	86	0.00
59 T	m/p-Xylene	1.262	1.114	11.7	88	0.00
60 T	o-Xylene	1.171	1.024	12.6	87	0.00
61 T	Styrene	0.653	0.610	6.6	84	0.00
62	Isopropylbenzene	1.694	1.476	12.9	87	0.00
63 T	1,1,2,2-Tetrachloroethane	0.876	0.712	18.7	87	0.00
64	n-propylbenzene	0.432	0.392	9.3	89	0.00
65	tert-Butylbenzene	1.486	1.240	16.6	87	0.00
66 T	Benzyl Chloride	0.104	0.089	14.4	78	0.00
67	sec-Butylbenzene	2.053	1.728	15.8	88	0.00
68 S	1-Bromo-4-Fluorobenzene	0.722	0.757	-4.8	87	0.00
69	p-Isopropyltoluene	1.655	1.410	14.8	88	0.00
70	n-Butylbenzene	1.517	1.329	12.4	87	0.00
71	2-Chlorotoluene	1.212	1.068	11.9	87	0.00
72 T	4-Ethyltoluene	1.397	1.219	12.7	83	0.00
73 T	1,3,5-Trimethylbenzene	1.278	1.100	13.9	86	0.00
74 T	1,2,4-Trimethylbenzene	1.286	1.105	14.1	87	0.00
75 T	1,3-Dichlorobenzene	0.710	0.633	10.8	85	0.00
76 T	1,4-Dichlorobenzene	0.727	0.618	15.0	84	0.00
77 T	1,2-Dichlorobenzene	0.681	0.595	12.6	86	0.00
78 T	Hexachloro-1,3-Butadiene	0.442	0.334	24.4	85	0.00
79 T	Naphthalene	0.706	0.664	5.9	86	0.00
80 T	Naphthalene,2-methyl-	0.133	0.162	-21.8	110	0.00
81 T	1,2,4-Trichlorobenzene	0.399	0.356	10.8	86	0.00

(#) = Out of Range

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