

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041727.D
 Acq On : 11 Dec 2024 18:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL121124

Quant Time: Dec 12 13:39:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 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	93	0.00
2 T	Dichlorodifluoromethane	1.755	2.134	-21.6	130	0.00
3	Chlorodifluoromethane	1.361	1.207	11.3	90	0.00
4	Chloromethane	0.466	0.587	-26.0	133	0.00
5 T	Vinyl Chloride	0.571	0.714	-25.0	139	0.00
6 T	Bromomethane	0.374	0.408	-9.1	115	0.00
7	Chloroethane	0.248	0.303	-22.2	132	0.00
8 T	Dichlorotetrafluoroethane	1.431	1.976	-38.1#	151#	0.00
9 T	Propene	0.580	0.536	7.6	96	0.00
10 T	Heptane	1.605	1.499	6.6	92	0.00
11 T	Trichlorofluoromethane	2.021	2.363	-16.9	125	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.820	2.047	-12.5	122	0.00
13	Ethanol	0.048	0.018#	62.5#	75	0.00
14 T	Bromoethene	0.667	0.844	-26.5	133	0.00
15 T	Acetone	1.155	1.012	12.4	114	0.00
16 T	1,3-Butadiene	0.387	0.442	-14.2	122	0.00
17	tert-Butyl alcohol	1.674	1.797	-7.3	112	0.00
18 T	1,1-Dichloroethene	0.827	0.945	-14.3	123	0.00
19 T	Isopropyl Alcohol	1.097	0.712	35.1#	113	0.00
20 T	Methylene Chloride	0.699	0.737	-5.4	121	0.00
21 T	Allyl Chloride	0.650	0.730	-12.3	116	0.00
22 T	trans-1,2-Dichloroethene	0.960	1.070	-11.5	120	0.00
23 T	Vinyl Acetate	0.699	0.811	-16.0	114	0.00
24 T	1,1-Dichloroethane	1.300	1.471	-13.2	121	0.00
25 T	Ethyl Acetate	1.605	1.499	6.6	92	0.00
26 T	Hexane	1.556	1.452	6.7	93	0.00
27 T	Carbon Disulfide	1.602	1.916	-19.6	116	0.00
28 T	Methyl tert-Butyl Ether	1.168	1.225	-4.9	105	0.00
29 T	Chloroform	2.382	2.197	7.8	93	0.00
30 T	Cyclohexane	1.748	1.648	5.7	93	0.00
31 T	cis-1,2-Dichloroethene	1.442	1.335	7.4	91	0.00
32 T	1,1,1-Trichloroethane	2.343	2.212	5.6	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.350	0.306	12.6	90	0.00
35 T	Carbon Tetrachloride	0.466	0.466	0.0	92	0.00
36 T	Benzene	0.786	0.727	7.5	93	0.00
37 T	1,2-Dichloroethane	0.284	0.263	7.4	92	0.00
38 T	Trichloroethene	0.408	0.525	-28.7	128	0.00
39 T	1,2-Dichloropropane	0.251	0.237	5.6	93	0.00
40 T	1,4-Dioxane	0.151	0.143	5.3	95	0.00
41 T	Tetrahydrofuran	0.211	0.199	5.7	93	0.00
42 T	Bromodichloromethane	0.459	0.458	0.2	92	0.00
43	Methyl Methacrylate	0.283	0.267	5.7	91	0.00
44 T	2,2,4-Trimethylpentane	1.094	1.011	7.6	93	0.00
45 T	t-1,3-Dichloropropene	0.276	0.222	19.6	76	0.00
46 T	cis-1,3-Dichloropropene	0.367	0.322	12.3	82	0.00
47 T	1,1,2-Trichloroethane	0.334	0.306	8.4	92	0.00
48 T	Dibromochloromethane	0.481	0.479	0.4	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.460	0.459	0.2	86	0.00
50 T	4-Methyl-2-Pentanone	0.502	0.473	5.8	94	0.00
51 T	2-Hexanone	0.413	0.372	9.9	92	0.00
52 T	Tetrachloroethene	0.417	0.370	11.3	91	0.00
53 T	Toluene	0.966	0.888	8.1	92	0.00
54 T	1,2-Dibromoethane	0.456	0.414	9.2	88	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.465	0.435	6.5	88	0.00
57 T	Chlorobenzene	0.910	0.825	9.3	91	0.00
58 T	Ethyl Benzene	1.338	1.230	8.1	91	0.00
59 T	m/p-Xylene	1.026	0.931	9.3	90	0.00
60 T	o-Xylene	1.017	0.938	7.8	91	0.00
61 T	Styrene	0.561	0.534	4.8	89	0.00
62	Isopropylbenzene	1.677	1.493	11.0	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.658	0.341	48.2#	51	0.00
64	n-propylbenzene	0.494	0.447	9.5	89	0.00
65	tert-Butylbenzene	1.590	1.422	10.6	90	0.00
66 T	Benzyl Chloride	1.140	1.008	11.6	88	0.00
67	sec-Butylbenzene	2.058	1.809	12.1	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.657	0.660	-0.5	94	0.00
69	p-Isopropyltoluene	1.775	1.594	10.2	90	0.00
70	n-Butylbenzene	1.473	1.344	8.8	90	0.00
71	2-Chlorotoluene	1.140	1.008	11.6	88	0.00
72 T	4-Ethyltoluene	1.313	1.217	7.3	91	0.00
73 T	1,3,5-Trimethylbenzene	1.062	1.001	5.7	90	0.00
74 T	1,2,4-Trimethylbenzene	1.155	1.095	5.2	90	0.00
75 T	1,3-Dichlorobenzene	0.923	0.813	11.9	88	0.00
76 T	1,4-Dichlorobenzene	0.911	0.808	11.3	87	0.00
77 T	1,2-Dichlorobenzene	0.874	0.771	11.8	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.718	0.675	6.0	104	0.00
79 T	Naphthalene	0.988	1.092	-10.5	101	0.00
80 T	Naphthalene,2-methyl-	0.358	0.835	-133.2#	139	0.00
81 T	1,2,4-Trichlorobenzene	0.622	0.663	-6.6	102	0.00

(#) = Out of Range

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