

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040482.D
 Acq On : 16 Jun 2023 8:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 16 10:06:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 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	103	0.00
2 T	Dichlorodifluoromethane	2.176	1.939	10.9	100	0.02
3	Chlorodifluoromethane	1.638	1.565	4.5	107	0.02
4	Chloromethane	0.634	0.665	-4.9	116	0.02
5 T	Vinyl Chloride	0.633	0.683	-7.9	110	0.02
6 T	Bromomethane	0.328	0.381	-16.2	125	0.01
7	Chloroethane	0.236	0.238	-0.8	111	0.01
8 T	Dichlorotetrafluoroethane	1.719	1.549	9.9	98	0.01
9 T	Propene	0.505	0.572	-13.3	128	0.02
10 T	Heptane	1.143	1.335	-16.8	115	0.00
11 T	Trichlorofluoromethane	1.772	1.453	18.0	90	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.238	1.115	9.9	95	0.01
13	Ethanol	0.105	0.100	4.8	101	0.00
14 T	Bromoethene	0.518	0.478	7.7	97	0.01
15 T	Acetone	1.206	1.122	7.0	110	0.01
16 T	1,3-Butadiene	0.587	0.627	-6.8	113	0.02
17	tert-Butyl alcohol	0.992	1.109	-11.8	121	0.01
18 T	1,1-Dichloroethene	0.552	0.500	9.4	94	0.01
19 T	Isopropyl Alcohol	0.581	0.678	-16.7	123	0.02
20 T	Methylene Chloride	0.515	0.439	14.8	102	0.00
21 T	Allyl Chloride	0.681	0.844	-23.9	130	0.01
22 T	trans-1,2-Dichloroethene	0.566	0.530	6.4	95	0.01
23 T	Vinyl Acetate	1.178	1.463	-24.2	125	0.01
24 T	1,1-Dichloroethane	1.182	1.112	5.9	101	0.01
25 T	Ethyl Acetate	2.186	2.288	-4.7	113	0.00
26 T	Hexane	1.035	1.064	-2.8	116	0.00
27 T	Carbon Disulfide	1.294	1.321	-2.1	98	0.01
28 T	Methyl tert-Butyl Ether	0.797	0.852	-6.9	110	0.00
29 T	Chloroform	1.763	1.605	9.0	98	0.00
30 T	Cyclohexane	0.834	0.904	-8.4	117	0.00
31 T	cis-1,2-Dichloroethene	0.990	1.051	-6.2	109	0.01
32 T	1,1,1-Trichloroethane	1.740	1.555	10.6	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.482	0.465	3.5	109	0.00
35 T	Carbon Tetrachloride	0.681	0.601	11.7	92	0.00
36 T	Benzene	0.795	0.855	-7.5	116	0.00
37 T	1,2-Dichloroethane	0.518	0.461	11.0	97	0.00
38 T	Trichloroethene	0.301	0.321	-6.6	107	0.00
39 T	1,2-Dichloropropane	0.307	0.325	-5.9	116	0.00
40 T	1,4-Dioxane	0.087	0.104	-19.5	133	0.00
41 T	Tetrahydrofuran	0.264	0.313	-18.6	127	0.00
42 T	Bromodichloromethane	0.714	0.650	9.0	96	0.00
43	Methyl Methacrylate	0.286	0.343	-19.9	117	0.00
44 T	2,2,4-Trimethylpentane	1.300	1.391	-7.0	115	0.00
45 T	t-1,3-Dichloropropene	0.211	0.376	-78.2#	163#	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.469	-82.5#	174#	0.00
47 T	1,1,2-Trichloroethane	0.337	0.337	0.0	109	0.00
48 T	Dibromochloromethane	0.539	0.538	0.2	100	0.00

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49 T	Bromoform	0.408	0.417	-2.2	99	0.00
50 T	4-Methyl-2-Pentanone	0.646	0.759	-17.5	119	0.00
51 T	2-Hexanone	0.448	0.565	-26.1	125	0.00
52 T	Tetrachloroethene	0.250	0.292	-16.8	115	0.00
53 T	Toluene	0.838	0.967	-15.4	115	0.00
54 T	1,2-Dibromoethane	0.442	0.500	-13.1	110	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.470	0.418	11.1	99	0.00
57 T	Chlorobenzene	0.756	0.745	1.5	108	0.00
58 T	Ethyl Benzene	1.212	1.316	-8.6	108	0.00
59 T	m/p-Xylene	1.114	1.096	1.6	101	0.00
60 T	o-Xylene	1.056	1.039	1.6	100	0.00
61 T	Styrene	0.455	0.565	-24.2	109	0.00
62	Isopropylbenzene	1.570	1.505	4.1	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.684	0.667	2.5	104	0.00
64	n-propylbenzene	0.399	0.397	0.5	102	0.00
65	tert-Butylbenzene	1.347	1.292	4.1	100	0.00
66 T	Benzyl Chloride	0.104	0.167	-60.6#	161#	0.00
67	sec-Butylbenzene	1.964	1.818	7.4	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.825	0.775	6.1	98	0.00
69	p-Isopropyltoluene	1.561	1.519	2.7	99	0.00
70	n-Butylbenzene	1.742	1.598	8.3	94	0.00
71	2-Chlorotoluene	1.166	1.143	2.0	98	0.00
72 T	4-Ethyltoluene	1.190	1.200	-0.8	99	0.00
73 T	1,3,5-Trimethylbenzene	1.051	1.031	1.9	98	0.00
74 T	1,2,4-Trimethylbenzene	1.237	1.115	9.9	94	0.00
75 T	1,3-Dichlorobenzene	0.694	0.656	5.5	100	0.00
76 T	1,4-Dichlorobenzene	0.675	0.635	5.9	98	0.00
77 T	1,2-Dichlorobenzene	0.655	0.627	4.3	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.506	0.552	-9.1	126	0.00
79 T	Naphthalene	0.712	1.157	-62.5#	132	0.00
80 T	Naphthalene,2-methyl-	0.214	0.462	-115.9#	165#	0.00
81 T	1,2,4-Trichlorobenzene	0.441	0.621	-40.8#	125	0.00

(#) = Out of Range

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