

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039634.D
 Acq On : 19 Sep 2022 14:43
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091922

Quant Time: Sep 19 15:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 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	102	0.00
2 T	Dichlorodifluoromethane	1.159	1.108	4.4	119	0.00
3	Chlorodifluoromethane	1.187	1.031	13.1	101	0.00
4	Chloromethane	0.716	0.644	10.1	103	0.00
5 T	Vinyl Chloride	0.597	0.532	10.9	97	0.00
6 T	Bromomethane	0.220	0.203	7.7	102	0.00
7	Chloroethane	0.218	0.208	4.6	101	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.283	7.8	103	0.00
9 T	Propene	0.542	0.502	7.4	104	0.00
10 T	Heptane	1.265	1.187	6.2	99	0.01
11 T	Trichlorofluoromethane	1.436	1.279	10.9	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	0.952	12.2	102	0.00
13	Ethanol	0.041	0.039#	4.9	118	0.00
14 T	Bromoethene	0.433	0.420	3.0	105	0.00
15 T	Acetone	1.113	0.959	13.8	101	0.00
16 T	1,3-Butadiene	0.564	0.524	7.1	99	0.00
17	tert-Butyl alcohol	0.999	0.904	9.5	91	0.01
18 T	1,1-Dichloroethene	0.477	0.432	9.4	100	0.00
19 T	Isopropyl Alcohol	0.567	0.541	4.6	101	0.00
20 T	Methylene Chloride	0.514	0.366	28.8	100	0.01
21 T	Allyl Chloride	0.758	0.676	10.8	99	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.419	11.2	94	0.01
23 T	Vinyl Acetate	0.503	0.425	15.5	93	0.01
24 T	1,1-Dichloroethane	1.002	0.917	8.5	101	0.00
25 T	Ethyl Acetate	2.426	2.187	9.9	102	0.00
26 T	Hexane	1.030	0.899	12.7	101	0.01
27 T	Carbon Disulfide	1.082	1.084	-0.2	99	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.772	10.8	97	0.00
29 T	Chloroform	1.486	1.354	8.9	103	0.01
30 T	Cyclohexane	0.797	0.757	5.0	102	0.01
31 T	cis-1,2-Dichloroethene	0.931	0.898	3.5	102	0.00
32 T	1,1,1-Trichloroethane	1.346	1.293	3.9	99	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
34 T	2-Butanone	0.491	0.476	3.1	113	0.00
35 T	Carbon Tetrachloride	0.531	0.528	0.6	101	0.01
36 T	Benzene	0.765	0.724	5.4	101	0.01
37 T	1,2-Dichloroethane	0.416	0.392	5.8	101	0.01
38 T	Trichloroethene	0.413	0.406	1.7	99	0.01
39 T	1,2-Dichloropropane	0.295	0.275	6.8	100	0.01
40 T	1,4-Dioxane	0.121	0.112	7.4	113	0.01
41 T	Tetrahydrofuran	0.301	0.297	1.3	97	0.00
42 T	Bromodichloromethane	0.579	0.556	4.0	101	0.01
43	Methyl Methacrylate	0.279	0.285	-2.2	100	0.00
44 T	2,2,4-Trimethylpentane	1.318	1.215	7.8	100	0.00
45 T	t-1,3-Dichloropropene	0.236	0.271	-14.8	98	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.364	-8.7	98	0.01
47 T	1,1,2-Trichloroethane	0.323	0.290	10.2	98	0.01
48 T	Dibromochloromethane	0.486	0.473	2.7	95	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.389	3.2	92	0.01
50 T	4-Methyl-2-Pentanone	0.772	0.767	0.6	100	0.01
51 T	2-Hexanone	0.571	0.590	-3.3	98	0.01
52 T	Tetrachloroethene	0.292	0.265	9.2	99	0.01
53 T	Toluene	0.850	0.838	1.4	98	0.01
54 T	1,2-Dibromoethane	0.345	0.338	2.0	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.01
56	1,1,1,2-Tetrachloroethane	0.404	0.356	11.9	97	0.01
57 T	Chlorobenzene	0.735	0.632	14.0	96	0.01
58 T	Ethyl Benzene	1.153	1.102	4.4	97	0.01
59 T	m/p-Xylene	1.026	0.924	9.9	96	0.01
60 T	o-Xylene	0.980	0.883	9.9	96	0.01
61 T	Styrene	0.528	0.537	-1.7	96	0.01
62	Isopropylbenzene	1.474	1.280	13.2	95	0.01
63 T	1,1,2,2-Tetrachloroethane	0.391	0.326	16.6	93	0.00
64	n-propylbenzene	0.378	0.330	12.7	95	0.01
65	tert-Butylbenzene	1.303	1.113	14.6	94	0.01
66 T	Benzyl Chloride	0.104	0.084	19.2	79	0.00
67	sec-Butylbenzene	1.827	1.545	15.4	94	0.01
68 S	1-Bromo-4-Fluorobenzene	0.747	0.758	-1.5	102	0.01
69	p-Isopropyltoluene	1.501	1.292	13.9	94	0.01
70	n-Butylbenzene	1.472	1.298	11.8	96	0.01
71	2-Chlorotoluene	1.065	0.932	12.5	94	0.01
72 T	4-Ethyltoluene	1.119	1.029	8.0	95	0.01
73 T	1,3,5-Trimethylbenzene	1.024	0.915	10.6	95	0.02
74 T	1,2,4-Trimethylbenzene	1.147	0.976	14.9	94	0.01
75 T	1,3-Dichlorobenzene	0.685	0.579	15.5	94	0.02
76 T	1,4-Dichlorobenzene	0.685	0.578	15.6	98	0.01
77 T	1,2-Dichlorobenzene	0.668	0.562	15.9	94	0.01
78 T	Hexachloro-1,3-Butadiene	0.510	0.453	11.2	112	0.01
79 T	Naphthalene	0.757	0.960	-26.8	118	0.02
80 T	Naphthalene,2-methyl-	0.285	0.374	-31.2#	133	0.01
81 T	1,2,4-Trichlorobenzene	0.497	0.534	-7.4	116	0.01

(#) = Out of Range

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