

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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	10.000	10.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	10.000	9.559	4.4	119	0.00
3	Chlorodifluoromethane	10.000	8.684	13.2	101	0.00
4	Chloromethane	10.000	8.990	10.1	103	0.00
5 T	Vinyl Chloride	10.000	8.906	10.9	97	0.00
6 T	Bromomethane	10.000	9.239	7.6	102	0.00
7	Chloroethane	10.000	9.544	4.6	101	0.00
8 T	Dichlorotetrafluoroethane	10.000	9.227	7.7	103	0.00
9 T	Propene	10.000	9.264	7.4	104	0.00
10 T	Heptane	10.000	9.385	6.2	99	0.01
11 T	Trichlorofluoromethane	10.000	8.910	10.9	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	8.779	12.2	102	0.00
13	Ethanol	10.000	9.536	4.6	118	0.00
14 T	Bromoethene	10.000	9.694	3.1	105	0.00
15 T	Acetone	10.000	8.619	13.8	101	0.00
16 T	1,3-Butadiene	10.000	9.289	7.1	99	0.00
17	tert-Butyl alcohol	10.000	9.054	9.5	91	0.01
18 T	1,1-Dichloroethene	10.000	9.062	9.4	100	0.00
19 T	Isopropyl Alcohol	10.000	9.545	4.6	101	0.00
20 T	Methylene Chloride	10.000	7.108	28.9	100	0.01
21 T	Allyl Chloride	10.000	8.923	10.8	99	0.00
22 T	trans-1,2-Dichloroethene	10.000	8.871	11.3	94	0.01
23 T	Vinyl Acetate	10.000	8.446	15.5	93	0.01
24 T	1,1-Dichloroethane	10.000	9.151	8.5	101	0.00
25 T	Ethyl Acetate	10.000	9.012	9.9	102	0.00
26 T	Hexane	10.000	8.733	12.7	101	0.01
27 T	Carbon Disulfide	10.000	10.018	-0.2	99	0.00
28 T	Methyl tert-Butyl Ether	10.000	8.926	10.7	97	0.00
29 T	Chloroform	10.000	9.108	8.9	103	0.01
30 T	Cyclohexane	10.000	9.495	5.1	102	0.01
31 T	cis-1,2-Dichloroethene	10.000	9.643	3.6	102	0.00
32 T	1,1,1-Trichloroethane	10.000	9.609	3.9	99	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	101	0.01
34 T	2-Butanone	10.000	9.686	3.1	113	0.00
35 T	Carbon Tetrachloride	10.000	9.944	0.6	101	0.01
36 T	Benzene	10.000	9.466	5.3	101	0.01
37 T	1,2-Dichloroethane	10.000	9.410	5.9	101	0.01
38 T	Trichloroethene	10.000	9.815	1.9	99	0.01
39 T	1,2-Dichloropropane	10.000	9.305	7.0	100	0.01
40 T	1,4-Dioxane	10.000	9.320	6.8	113	0.01
41 T	Tetrahydrofuran	10.000	9.863	1.4	97	0.00
42 T	Bromodichloromethane	10.000	9.607	3.9	101	0.01
43	Methyl Methacrylate	10.000	10.217	-2.2	100	0.00
44 T	2,2,4-Trimethylpentane	10.000	9.219	7.8	100	0.00
45 T	t-1,3-Dichloropropene	10.000	11.514	-15.1	98	0.00
46 T	cis-1,3-Dichloropropene	10.000	10.863	-8.6	98	0.01
47 T	1,1,2-Trichloroethane	10.000	8.997	10.0	98	0.01
48 T	Dibromochloromethane	10.000	9.731	2.7	95	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	Bromoform	10.000	9.674	3.3	92	0.01
50 T	4-Methyl-2-Pentanone	10.000	9.936	0.6	100	0.01
51 T	2-Hexanone	10.000	10.332	-3.3	98	0.01
52 T	Tetrachloroethene	10.000	9.080	9.2	99	0.01
53 T	Toluene	10.000	9.856	1.4	98	0.01
54 T	1,2-Dibromoethane	10.000	9.792	2.1	97	0.00
55 I	Chlorobenzene-d5	10.000	10.000	0.0	102	0.01
56	1,1,1,2-Tetrachloroethane	10.000	8.800	12.0	97	0.01
57 T	Chlorobenzene	10.000	8.598	14.0	96	0.01
58 T	Ethyl Benzene	10.000	9.562	4.4	97	0.01
59 T	m/p-Xylene	20.000	18.001	10.0	96	0.01
60 T	o-Xylene	10.000	9.016	9.8	96	0.01
61 T	Styrene	10.000	10.184	-1.8	96	0.01
62	Isopropylbenzene	10.000	8.684	13.2	95	0.01
63 T	1,1,2,2-Tetrachloroethane	10.000	8.348	16.5	93	0.00
64	n-propylbenzene	10.000	8.748	12.5	95	0.01
65	tert-Butylbenzene	10.000	8.547	14.5	94	0.01
66 T	Benzyl Chloride	10.000	8.098	19.0	79	0.00
67	sec-Butylbenzene	10.000	8.458	15.4	94	0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.160	-1.6	102	0.01
69	p-Isopropyltoluene	10.000	8.606	13.9	94	0.01
70	n-Butylbenzene	10.000	8.821	11.8	96	0.01
71	2-Chlorotoluene	10.000	8.751	12.5	94	0.01
72 T	4-Ethyltoluene	10.000	9.201	8.0	95	0.01
73 T	1,3,5-Trimethylbenzene	10.000	8.934	10.7	95	0.02
74 T	1,2,4-Trimethylbenzene	10.000	8.507	14.9	94	0.01
75 T	1,3-Dichlorobenzene	10.000	8.458	15.4	94	0.02
76 T	1,4-Dichlorobenzene	10.000	8.441	15.6	98	0.01
77 T	1,2-Dichlorobenzene	10.000	8.414	15.9	94	0.01
78 T	Hexachloro-1,3-Butadiene	10.000	8.880	11.2	112	0.01
79 T	Naphthalene	10.000	12.683	-26.8	118	0.02
80 T	Naphthalene,2-methyl-	10.000	13.122	-31.2#	133	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.734	-7.3	116	0.01

(#) = Out of Range

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