

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038767.D
 Acq On : 28 Mar 2022 9:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 28 14:24:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 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	96	0.01
2 T	Dichlorodifluoromethane	10.000	7.920	20.8	88	0.00
3	Chlorodifluoromethane	10.000	8.600	14.0	89	0.01
4	Chloromethane	10.000	8.815	11.9	89	0.00
5 T	Vinyl Chloride	10.000	9.263	7.4	99	0.00
6 T	Bromomethane	10.000	10.459	-4.6	104	0.00
7	Chloroethane	10.000	10.023	-0.2	99	0.01
8 T	Dichlorotetrafluoroethane	10.000	9.780	2.2	99	0.00
9 T	Propene	10.000	7.569	24.3	78	0.00
10 T	Heptane	10.000	8.742	12.6	82	0.01
11 T	Trichlorofluoromethane	10.000	11.394	-13.9	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	10.000	11.537	-15.4	113	0.00
13	Ethanol	10.000	7.190	28.1	91	0.00
14 T	Bromoethene	10.000	10.943	-9.4	109	0.01
15 T	Acetone	10.000	10.342	-3.4	108	0.01
16 T	1,3-Butadiene	10.000	9.649	3.5	96	0.01
17	tert-Butyl alcohol	10.000	12.248	-22.5	117	0.00
18 T	1,1-Dichloroethene	10.000	11.541	-15.4	115	0.01
19 T	Isopropyl Alcohol	10.000	10.684	-6.8	104	0.01
20 T	Methylene Chloride	10.000	10.934	-9.3	116	0.01
21 T	Allyl Chloride	10.000	11.277	-12.8	110	0.01
22 T	trans-1,2-Dichloroethene	10.000	11.906	-19.1	113	0.00
23 T	Vinyl Acetate	10.000	12.541	-25.4	115	0.01
24 T	1,1-Dichloroethane	10.000	11.371	-13.7	110	0.00
25 T	Ethyl Acetate	10.000	8.999	10.0	88	0.01
26 T	Hexane	10.000	8.975	10.3	89	0.02
27 T	Carbon Disulfide	10.000	12.865	-28.7	115	0.00
28 T	Methyl tert-Butyl Ether	10.000	11.913	-19.1	116	0.01
29 T	Chloroform	10.000	9.442	5.6	94	0.01
30 T	Cyclohexane	10.000	8.913	10.9	88	0.01
31 T	cis-1,2-Dichloroethene	10.000	7.821	21.8	75	0.00
32 T	1,1,1-Trichloroethane	10.000	9.640	3.6	96	0.01
33 I	1,4-Difluorobenzene	10.000	10.000	0.0	98	0.01
34 T	2-Butanone	10.000	9.887	1.1	108	0.01
35 T	Carbon Tetrachloride	10.000	9.765	2.3	97	0.01
36 T	Benzene	10.000	8.771	12.3	87	0.01
37 T	1,2-Dichloroethane	10.000	9.292	7.1	93	0.01
38 T	Trichloroethene	10.000	9.461	5.4	94	0.01
39 T	1,2-Dichloropropane	10.000	8.562	14.4	86	0.02
40 T	1,4-Dioxane	10.000	8.840	11.6	85	0.02
41 T	Tetrahydrofuran	10.000	8.142	18.6	79	0.02
42 T	Bromodichloromethane	10.000	9.700	3.0	94	0.01
43	Methyl Methacrylate	10.000	9.652	3.5	89	0.01
44 T	2,2,4-Trimethylpentane	10.000	8.583	14.2	87	0.01
45 T	t-1,3-Dichloropropene	10.000	10.880	-8.8	92	0.00
46 T	cis-1,3-Dichloropropene	10.000	10.173	-1.7	90	0.02
47 T	1,1,2-Trichloroethane	10.000	8.710	12.9	88	0.02
48 T	Dibromochloromethane	10.000	10.021	-0.2	92	0.01

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

49 T	Bromoform	10.000	10.020	-0.2	90	0.02
50 T	4-Methyl-2-Pentanone	10.000	8.877	11.2	84	0.01
51 T	2-Hexanone	10.000	9.416	5.8	82	0.01
52 T	Tetrachloroethene	10.000	8.847	11.5	90	0.01
53 T	Toluene	10.000	9.458	5.4	89	0.01
54 T	1,2-Dibromoethane	10.000	9.332	6.7	87	0.02

55 I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	10.000	9.339	6.6	94	0.01
57 T	Chlorobenzene	10.000	8.912	10.9	91	0.01
58 T	Ethyl Benzene	10.000	9.390	6.1	88	0.02
59 T	m/p-Xylene	20.000	18.511	7.4	90	0.00
60 T	o-Xylene	10.000	9.350	6.5	90	0.01
61 T	Styrene	10.000	10.079	-0.8	85	0.01
62	Isopropylbenzene	10.000	8.956	10.4	87	0.00
63 T	1,1,2,2-Tetrachloroethane	10.000	7.904	21.0	86	0.01
64	n-propylbenzene	10.000	9.063	9.4	86	0.02
65	tert-Butylbenzene	10.000	9.014	9.9	89	0.01
66 T	Benzyl Chloride	10.000	11.828	-18.3	91	0.01
67	sec-Butylbenzene	10.000	8.942	10.6	88	0.01
68 S	1-Bromo-4-Fluorobenzene	10.000	10.404	-4.0	96	0.01
69	p-Isopropyltoluene	10.000	9.148	8.5	88	0.01
70	n-Butylbenzene	10.000	9.291	7.1	88	0.02
71	2-Chlorotoluene	10.000	8.891	11.1	85	0.02
72 T	4-Ethyltoluene	10.000	9.394	6.1	87	0.01
73 T	1,3,5-Trimethylbenzene	10.000	8.995	10.1	86	0.01
74 T	1,2,4-Trimethylbenzene	10.000	9.108	8.9	89	0.01
75 T	1,3-Dichlorobenzene	10.000	8.740	12.6	87	0.02
76 T	1,4-Dichlorobenzene	10.000	8.516	14.8	83	0.02
77 T	1,2-Dichlorobenzene	10.000	8.797	12.0	88	0.02
78 T	Hexachloro-1,3-Butadiene	10.000	8.691	13.1	99	0.01
79 T	Naphthalene	10.000	11.696	-17.0	93	0.02
80 T	Naphthalene,2-methyl-	10.000	8.285	17.1	66	0.01
81 T	1,2,4-Trichlorobenzene	10.000	10.058	-0.6	94	0.02

(#) = Out of Range

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