

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037592.D
 Acq On : 9 Sep 2021 4:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 09 09:16:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 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	0.03
2 T	Dichlorodifluoromethane	1.605	1.277	20.4	96	0.01
3	Chlorodifluoromethane	1.915	1.683	12.1	102	0.02
4	Chloromethane	0.684	0.576	15.8	90	0.02
5 T	Vinyl Chloride	0.701	0.595	15.1	98	0.02
6 T	Bromomethane	0.384	0.259	32.6#	76	0.02
7	Chloroethane	0.239	0.199	16.7	93	0.02
8 T	Dichlorotetrafluoroethane	1.656	1.320	20.3	92	0.02
9 T	Propene	0.685	0.574	16.2	96	0.02
10 T	Heptane	1.577	1.494	5.3	103	0.04
11 T	Trichlorofluoromethane	1.506	1.182	21.5	91	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.105	0.889	19.5	95	0.02
13	Ethanol	0.067	0.062	7.5	87	0.02
14 T	Bromoethene	0.502	0.394	21.5	87	0.03
15 T	Acetone	1.018	0.722	29.1	93	0.03
16 T	1,3-Butadiene	0.653	0.612	6.3	103	0.02
17	tert-Butyl alcohol	0.930	0.764	17.8	85	0.02
18 T	1,1-Dichloroethene	0.502	0.410	18.3	93	0.02
19 T	Isopropyl Alcohol	0.583	0.457	21.6	81	0.02
20 T	Methylene Chloride	0.510	0.355	30.4#	90	0.02
21 T	Allyl Chloride	0.827	0.607	26.6	80	0.03
22 T	trans-1,2-Dichloroethene	0.501	0.387	22.8	89	0.03
23 T	Vinyl Acetate	1.500	1.113	25.8	76	0.03
24 T	1,1-Dichloroethane	1.088	0.831	23.6	86	0.03
25 T	Ethyl Acetate	2.584	2.187	15.4	94	0.03
26 T	Hexane	1.263	1.089	13.8	100	0.03
27 T	Carbon Disulfide	1.126	0.935	17.0	85	0.03
28 T	Methyl tert-Butyl Ether	1.213	0.842	30.6#	74	0.03
29 T	Chloroform	1.790	1.474	17.7	94	0.03
30 T	Cyclohexane	1.053	0.918	12.8	97	0.03
31 T	cis-1,2-Dichloroethene	1.143	0.960	16.0	90	0.03
32 T	1,1,1-Trichloroethane	1.759	1.407	20.0	90	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.04
34 T	2-Butanone	0.408	0.316	22.5	85	0.03
35 T	Carbon Tetrachloride	0.591	0.477	19.3	87	0.04
36 T	Benzene	0.841	0.758	9.9	98	0.03
37 T	1,2-Dichloroethane	0.416	0.356	14.4	93	0.03
38 T	Trichloroethene	0.345	0.296	14.2	100	0.04
39 T	1,2-Dichloropropane	0.323	0.292	9.6	99	0.04
40 T	1,4-Dioxane	0.079	0.052	34.2#	67	0.03
41 T	Tetrahydrofuran	0.197	0.174	11.7	93	0.03
42 T	Bromodichloromethane	0.609	0.529	13.1	91	0.04
43	Methyl Methacrylate	0.293	0.288	1.7	102	0.04
44 T	2,2,4-Trimethylpentane	1.415	1.262	10.8	100	0.03
45 T	t-1,3-Dichloropropene	0.221	0.178	19.5	72	0.04
46 T	cis-1,3-Dichloropropene	0.308	0.267	13.3	84	0.04
47 T	1,1,2-Trichloroethane	0.349	0.304	12.9	97	0.04
48 T	Dibromochloromethane	0.502	0.468	6.8	93	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.396	0.389	1.8	95	0.03
50 T	4-Methyl-2-Pentanone	0.533	0.513	3.8	102	0.04
51 T	2-Hexanone	0.245	0.265	-8.2	112	0.04
52 T	Tetrachloroethene	0.344	0.285	17.2	98	0.04
53 T	Toluene	0.960	0.884	7.9	98	0.04
54 T	1,2-Dibromoethane	0.487	0.425	12.7	93	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.04
56	1,1,1,2-Tetrachloroethane	0.417	0.366	12.2	99	0.04
57 T	Chlorobenzene	0.830	0.702	15.4	98	0.04
58 T	Ethyl Benzene	1.388	1.229	11.5	99	0.04
59 T	m/p-Xylene	1.203	1.018	15.4	95	0.04
60 T	o-Xylene	1.123	0.978	12.9	100	0.03
61 T	Styrene	0.583	0.525	9.9	92	0.04
62	Isopropylbenzene	1.585	1.405	11.4	102	0.03
63 T	1,1,2,2-Tetrachloroethane	0.835	0.695	16.8	98	0.04
64	n-propylbenzene	0.403	0.360	10.7	97	0.04
65	tert-Butylbenzene	1.443	1.218	15.6	98	0.04
66 T	Benzyl Chloride	0.065	0.031#	52.3#	44	0.03
67	sec-Butylbenzene	2.017	1.692	16.1	98	0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.717	-1.0	104	0.03
69	p-Isopropyltoluene	1.643	1.427	13.1	98	0.04
70	n-Butylbenzene	1.570	1.399	10.9	97	0.04
71	2-Chlorotoluene	1.162	0.980	15.7	96	0.04
72 T	4-Ethyltoluene	1.336	1.164	12.9	96	0.04
73 T	1,3,5-Trimethylbenzene	1.243	1.043	16.1	96	0.04
74 T	1,2,4-Trimethylbenzene	1.321	1.080	18.2	95	0.04
75 T	1,3-Dichlorobenzene	0.795	0.695	12.6	102	0.04
76 T	1,4-Dichlorobenzene	0.801	0.681	15.0	96	0.04
77 T	1,2-Dichlorobenzene	0.783	0.687	12.3	101	0.04
78 T	Hexachloro-1,3-Butadiene	0.651	0.564	13.4	109	0.03
79 T	Naphthalene	0.884	0.968	-9.5	108	0.05
80 T	Naphthalene,2-methyl-	0.246	0.310	-26.0	100	0.03
81 T	1,2,4-Trichlorobenzene	0.555	0.579	-4.3	110	0.05

(#) = Out of Range

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