

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL042721\
 Data File : VL036872.D
 Acq On : 28 Apr 2021 00:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 28 07:44:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	103	0.01
2 T	Dichlorodifluoromethane	1.575	1.308	17.0	90	0.00
3	Chlorodifluoromethane	1.822	1.566	14.1	97	0.00
4	Chloromethane	0.599	0.507	15.4	91	0.00
5 T	Vinyl Chloride	0.604	0.510	15.6	95	0.00
6 T	Bromomethane	0.325	0.263	19.1	87	0.00
7	Chloroethane	0.198	0.184	7.1	101	0.00
8 T	Dichlorotetrafluoroethane	1.436	1.213	15.5	94	0.00
9 T	Propene	0.555	0.489	11.9	92	0.00
10 T	Heptane	1.396	1.215	13.0	88	0.01
11 T	Trichlorofluoromethane	1.406	1.162	17.4	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.941	0.790	16.0	90	0.01
13	Ethanol	0.071	0.061	14.1	112	0.01
14 T	Bromoethene	0.384	0.343	10.7	95	0.00
15 T	Acetone	0.943	0.752	20.3	102	0.00
16 T	1,3-Butadiene	0.603	0.541	10.3	97	0.01
17	tert-Butyl alcohol	0.765	0.712	6.9	97	0.00
18 T	1,1-Dichloroethene	0.409	0.355	13.2	96	0.00
19 T	Isopropyl Alcohol	0.467	0.403	13.7	100	0.00
20 T	Methylene Chloride	0.451	0.308	31.7#	95	0.01
21 T	Allyl Chloride	0.700	0.567	19.0	89	0.00
22 T	trans-1,2-Dichloroethene	0.410	0.358	12.7	92	0.01
23 T	Vinyl Acetate	1.282	1.409	-9.9	106	0.00
24 T	1,1-Dichloroethane	0.910	0.878	3.5	110	0.00
25 T	Ethyl Acetate	2.302	1.865	19.0	89	0.01
26 T	Hexane	1.077	0.912	15.3	97	0.01
27 T	Carbon Disulfide	0.936	0.846	9.6	87	0.00
28 T	Methyl tert-Butyl Ether	0.955	0.992	-3.9	110	0.01
29 T	Chloroform	1.679	1.403	16.4	91	0.00
30 T	Cyclohexane	0.854	0.756	11.5	92	0.01
31 T	cis-1,2-Dichloroethene	0.967	0.880	9.0	94	0.02
32 T	1,1,1-Trichloroethane	1.708	1.436	15.9	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.02
34 T	2-Butanone	0.438	0.343	21.7	86	0.01
35 T	Carbon Tetrachloride	0.679	0.575	15.3	91	0.02
36 T	Benzene	0.843	0.727	13.8	92	0.01
37 T	1,2-Dichloroethane	0.477	0.406	14.9	90	0.00
38 T	Trichloroethene	0.300	0.265	11.7	91	0.02
39 T	1,2-Dichloropropane	0.338	0.284	16.0	92	0.01
40 T	1,4-Dioxane	0.082	0.063	23.2	86	0.02
41 T	Tetrahydrofuran	0.192	0.159	17.2	83	0.02
42 T	Bromodichloromethane	0.663	0.574	13.4	91	0.01
43	Methyl Methacrylate	0.275	0.272	1.1	96	0.00
44 T	2,2,4-Trimethylpentane	1.444	1.216	15.8	92	0.00
45 T	t-1,3-Dichloropropene	0.296	0.196	33.8#	58	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.380	0.270	28.9	66	0.02
47 T	1,1,2-Trichloroethane	0.349	0.292	16.3	91	0.02
48 T	Dibromochloromethane	0.518	0.482	6.9	92	0.02
49 T	Bromoform	0.413	0.400	3.1	92	0.02
50 T	4-Methyl-2-Pentanone	0.599	0.498	16.9	82	0.02
51 T	2-Hexanone	0.299	0.255	14.7	77	0.02
52 T	Tetrachloroethene	0.287	0.250	12.9	92	0.02
53 T	Toluene	0.882	0.815	7.6	93	0.02
54 T	1,2-Dibromoethane	0.493	0.413	16.2	90	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.01
56	1,1,1,2-Tetrachloroethane	0.419	0.368	12.2	95	0.01
57 T	Chlorobenzene	0.779	0.650	16.6	91	0.02
58 T	Ethyl Benzene	1.268	1.174	7.4	91	0.01
59 T	m/p-Xylene	1.134	0.996	12.2	92	0.02
60 T	o-Xylene	1.096	0.933	14.9	91	0.00
61 T	Styrene	0.515	0.507	1.6	84	0.01
62	Isopropylbenzene	1.491	1.301	12.7	94	0.02
63 T	1,1,2,2-Tetrachloroethane	0.879	0.701	20.3	94	0.02
64	n-propylbenzene	0.372	0.349	6.2	96	0.02
65	tert-Butylbenzene	1.319	1.145	13.2	93	0.02
66 T	Benzyl Chloride	0.129	0.086	33.3#	63	0.01
67	sec-Butylbenzene	1.831	1.609	12.1	94	0.02
68 S	1-Bromo-4-Fluorobenzene	0.803	0.814	-1.4	102	0.02
69	p-Isopropyltoluene	1.468	1.324	9.8	92	0.02
70	n-Butylbenzene	1.480	1.360	8.1	92	0.02
71	2-Chlorotoluene	1.105	1.009	8.7	93	0.01
72 T	4-Ethyltoluene	1.177	1.112	5.5	90	0.01
73 T	1,3,5-Trimethylbenzene	1.141	0.989	13.3	88	0.01
74 T	1,2,4-Trimethylbenzene	1.212	1.040	14.2	90	0.01
75 T	1,3-Dichlorobenzene	0.716	0.627	12.4	93	0.01
76 T	1,4-Dichlorobenzene	0.701	0.621	11.4	95	0.00
77 T	1,2-Dichlorobenzene	0.700	0.598	14.6	93	0.02
78 T	Hexachloro-1,3-Butadiene	0.595	0.474	20.3	94	0.02
79 T	Naphthalene	0.679	0.699	-2.9	85	0.02
80 T	Naphthalene,2-methyl-	0.075	0.085	-13.3	73	0.01
81 T	1,2,4-Trichlorobenzene	0.439	0.434	1.1	95	0.02

(#) = Out of Range

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