

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042066.D
 Acq On : 27 Jun 2024 11:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 28 03:59:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	110	0.00
2 M	Dichlorodifluoromethane	20.000	16.477	17.6	89	0.00
3 M	Chloromethane	20.000	15.732	21.3	86	0.00
4 M	Vinyl Chloride	20.000	16.037	19.8	91	0.00
5 M	Bromomethane	20.000	13.838	30.8#	80	0.00
6 M	Chloroethane	20.000	19.544	2.3	108	0.00
7 M	Trichlorofluoromethane	20.000	17.465	12.7	95	0.00
8 T	Diethyl Ether	20.000	16.913	15.4	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.251	13.7	98	0.00
10 M	1,1-Dichloroethene	20.000	16.666	16.7	95	0.00
11	Methyl Iodide	20.000	14.443	27.8#	81	0.00
12	Methyl Acetate	20.000	18.484	7.6	103	0.00
13 M	Acrolein	100.000	64.123	35.9#	75	0.00
14 M	Acrylonitrile	100.000	88.230	11.8	98	0.00
15 M	Acetone	100.000	82.485	17.5	89	0.00
16 M	Carbon Disulfide	20.000	16.198	19.0	102	0.00
17	Allyl chloride	20.000	17.252	13.7	95	0.00
18 M	Methylene Chloride	20.000	16.795	16.0	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.996	15.0	97	0.00
20 T	Diisopropyl ether	20.000	17.203	14.0	97	0.00
21 M	1,1-Dichloroethane	20.000	17.211	13.9	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.135	14.3	98	0.00
23 M	tert-Butyl Alcohol	100.000	88.148	11.9	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.918	10.4	102	0.00
25 M	Chloroform	20.000	17.351	13.2	97	0.00
26	Cyclohexane	20.000	17.146	14.3	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.456	8.5	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	17.992	10.0	101	0.00
30 M	2-Butanone	100.000	89.250	10.8	93	0.00
31	2,2-Dichloropropane	20.000	15.488	22.6	87	0.00
32 M	1,1,1-Trichloroethane	20.000	17.792	11.0	99	0.00
33 M	Carbon Tetrachloride	20.000	17.859	10.7	99	0.00
34 M	Benzene	20.000	17.861	10.7	96	0.00
35	Methacrylonitrile	20.000	18.368	8.2	100	0.00
36 M	1,2-Dichloroethane	20.000	18.014	9.9	97	0.00
37 M	Trichloroethene	20.000	17.972	10.1	101	0.00
38	Methylcyclohexane	20.000	17.869	10.7	100	0.00
39 M	1,2-Dichloropropane	20.000	17.729	11.4	96	0.00
40	Dibromomethane	20.000	18.029	9.9	99	0.00
41 M	Bromodichloromethane	20.000	17.972	10.1	101	0.00
42 M	Vinyl Acetate	100.000	88.817	11.2	96	0.00
43	Ethyl Acetate	20.000	17.746	11.3	98	0.00
44	Isopropyl Acetate	20.000	18.012	9.9	99	0.00
45 T	1,4-Dioxane	400.000	336.857	15.8	92	0.00
46	Methyl methacrylate	20.000	17.848	10.8	97	0.00
47	n-amyl Acetate	20.000	17.703	11.5	100	0.00
48 M	t-1,3-Dichloropropene	20.000	17.046	14.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.389	13.1	97	0.00
50 M	1,1,2-Trichloroethane	20.000	18.753	6.2	101	0.00
51	Ethyl methacrylate	20.000	18.154	9.2	102	0.00
52	1,3-Dichloropropane	20.000	18.293	8.5	99	0.00
53 M	Dibromochloromethane	20.000	18.349	8.3	105	0.00
54 M	1,2-Dibromoethane	20.000	18.538	7.3	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.456	1.5	103	0.00
56 M	Bromoform	20.000	17.655	11.7	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.003	8.0	96	0.00
59 M	2-Hexanone	100.000	91.699	8.3	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.476	-1.6	110	0.00
61 M	Tetrachloroethene	20.000	18.703	6.5	99	0.00
62 M	Toluene	20.000	18.488	7.6	100	0.00
63 S	Toluene-d8	30.000	29.395	2.0	104	0.00
64 M	Chlorobenzene	20.000	18.363	8.2	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.286	8.6	101	0.00
66 M	Ethyl Benzene	20.000	18.325	8.4	100	0.00
67 M	m/p-Xylenes	40.000	37.491	6.3	102	0.00
68 M	o-Xylene	20.000	18.466	7.7	100	0.00
69 M	Styrene	20.000	18.450	7.8	99	0.00
70	Isopropylbenzene	20.000	18.974	5.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.297	8.5	97	0.00
72	1,2,3-Trichloropropane	20.000	17.649	11.8	96	0.00
73	Bromobenzene	20.000	18.673	6.6	102	0.00
74	n-propylbenzene	20.000	18.722	6.4	102	0.00
75	2-Chlorotoluene	20.000	18.646	6.8	101	0.00
76	1,3,5-Trimethylbenzene	20.000	18.761	6.2	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.544	22.3	94	0.00
78	4-Chlorotoluene	20.000	18.514	7.4	102	0.00
79	tert-butylbenzene	20.000	18.985	5.1	103	0.00
80	1,2,4-Trimethylbenzene	20.000	18.692	6.5	102	0.00
81	sec-Butylbenzene	20.000	18.915	5.4	103	0.00
82	p-Isopropyltoluene	20.000	18.907	5.5	104	0.00
83 M	1,3-Dichlorobenzene	20.000	18.450	7.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	18.635	6.8	104	0.00
85	n-Butylbenzene	20.000	17.959	10.2	104	0.00
86 T	Hexachloroethane	20.000	17.953	10.2	105	0.00
87 M	1,2-Dichlorobenzene	20.000	18.588	7.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.076	14.6	98	0.00
89	1,2,4-Trichlorobenzene	20.000	17.873	10.6	106	0.00
90	Hexachlorobutadiene	20.000	18.684	6.6	105	0.00
91 M	Naphthalene	20.000	18.617	6.9	106	0.00
92	1,2,3-Trichlorobenzene	20.000	18.316	8.4	106	0.00

(#) = Out of Range

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