

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040830.D
 Acq On : 28 Mar 2024 17:57
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032824

Quant Time: Mar 29 05:14:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	19.242	3.8	94	0.00
3 M	Chloromethane	20.000	20.386	-1.9	102	0.00
4 M	Vinyl Chloride	20.000	20.771	-3.9	105	0.00
5 M	Bromomethane	20.000	21.975	-9.9	95	0.00
6 M	Chloroethane	20.000	19.550	2.2	94	0.00
7 M	Trichlorofluoromethane	20.000	18.492	7.5	92	0.00
8 T	Diethyl Ether	20.000	19.219	3.9	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.975	5.1	93	0.00
10 M	1,1-Dichloroethene	20.000	18.903	5.5	93	0.00
11	Methyl Iodide	20.000	18.829	5.9	90	0.00
12	Methyl Acetate	20.000	19.433	2.8	94	0.00
13 M	Acrolein	100.000	93.047	7.0	105	0.00
14 M	Acrylonitrile	100.000	96.888	3.1	95	0.00
15 M	Acetone	100.000	88.323	11.7	81	0.00
16 M	Carbon Disulfide	20.000	19.150	4.3	96	0.00
17	Allyl chloride	20.000	19.179	4.1	97	0.00
18 M	Methylene Chloride	20.000	19.508	2.5	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.483	2.6	97	0.00
20 T	Diisopropyl ether	20.000	18.863	5.7	95	0.00
21 M	1,1-Dichloroethane	20.000	19.471	2.6	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.182	4.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	99.182	0.8	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.135	4.3	92	0.00
25 M	Chloroform	20.000	18.836	5.8	91	0.00
26	Cyclohexane	20.000	18.145	9.3	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.724	7.6	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	18.851	5.7	89	0.00
30 M	2-Butanone	100.000	99.210	0.8	92	0.00
31	2,2-Dichloropropane	20.000	18.731	6.3	90	0.00
32 M	1,1,1-Trichloroethane	20.000	18.731	6.3	89	0.00
33 M	Carbon Tetrachloride	20.000	19.007	5.0	88	0.00
34 M	Benzene	20.000	18.789	6.1	87	0.00
35	Methacrylonitrile	20.000	19.497	2.5	91	0.00
36 M	1,2-Dichloroethane	20.000	18.630	6.9	87	0.00
37 M	Trichloroethene	20.000	19.246	3.8	92	0.00
38	Methylcyclohexane	20.000	18.546	7.3	91	0.00
39 M	1,2-Dichloropropane	20.000	18.930	5.4	92	0.00
40	Dibromomethane	20.000	19.386	3.1	94	0.00
41 M	Bromodichloromethane	20.000	19.998	0.0	99	0.00
42 M	Vinyl Acetate	100.000	97.636	2.4	92	0.00
43	Ethyl Acetate	20.000	19.643	1.8	91	0.00
44	Isopropyl Acetate	20.000	18.587	7.1	88	0.00
45 T	1,4-Dioxane	400.000	406.168	-1.5	97	0.00
46	Methyl methacrylate	20.000	20.123	-0.6	99	0.00
47	n-amyl Acetate	20.000	18.312	8.4	93	0.00
48 M	t-1,3-Dichloropropene	20.000	18.146	9.3	93	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.737	1.3	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.482	2.6	94	0.00
51	Ethyl methacrylate	20.000	18.881	5.6	96	0.00
52	1,3-Dichloropropane	20.000	19.607	2.0	96	0.00
53 M	Dibromochloromethane	20.000	19.010	4.9	93	0.00
54 M	1,2-Dibromoethane	20.000	18.930	5.4	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.877	-2.9	103	0.00
56 M	Bromoform	20.000	18.550	7.2	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.664	5.3	92	0.00
59 M	2-Hexanone	100.000	95.859	4.1	92	0.00
60 S	4-Bromofluorobenzene	30.000	30.293	-1.0	99	0.00
61 M	Tetrachloroethene	20.000	19.941	0.3	98	0.00
62 M	Toluene	20.000	19.766	1.2	96	0.00
63 S	Toluene-d8	30.000	29.362	2.1	93	0.00
64 M	Chlorobenzene	20.000	19.372	3.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.291	8.5	88	0.00
66 M	Ethyl Benzene	20.000	19.279	3.6	93	0.00
67 M	m/p-Xylenes	40.000	38.221	4.4	92	0.00
68 M	o-Xylene	20.000	18.599	7.0	92	0.00
69 M	Styrene	20.000	18.715	6.4	93	0.00
70	Isopropylbenzene	20.000	19.224	3.9	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.877	5.6	92	0.00
72	1,2,3-Trichloropropane	20.000	18.531	7.3	92	0.00
73	Bromobenzene	20.000	19.503	2.5	94	0.00
74	n-propylbenzene	20.000	19.428	2.9	95	0.00
75	2-Chlorotoluene	20.000	19.410	2.9	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.263	3.7	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.806	16.0	89	0.00
78	4-Chlorotoluene	20.000	19.203	4.0	93	0.00
79	tert-butylbenzene	20.000	18.517	7.4	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.324	3.4	93	0.00
81	sec-Butylbenzene	20.000	19.251	3.7	93	0.00
82	p-Isopropyltoluene	20.000	18.737	6.3	92	0.00
83 M	1,3-Dichlorobenzene	20.000	19.487	2.6	94	0.00
84 M	1,4-Dichlorobenzene	20.000	19.112	4.4	92	0.00
85	n-Butylbenzene	20.000	18.070	9.6	90	0.00
86 T	Hexachloroethane	20.000	17.809	11.0	89	0.00
87 M	1,2-Dichlorobenzene	20.000	18.490	7.6	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.411	2.9	91	0.00
89	1,2,4-Trichlorobenzene	20.000	19.242	3.8	96	0.00
90	Hexachlorobutadiene	20.000	20.556	-2.8	100	0.00
91 M	Naphthalene	20.000	19.005	5.0	94	0.00
92	1,2,3-Trichlorobenzene	20.000	19.125	4.4	93	0.00

(#) = Out of Range

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