Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
Data File : VU060342.D
Acq On : 07 Aug 2024 17:36
Operator : MD/SY
Sample : P3390-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 08 06:49:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2024

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
08/12/2024
Supervised By :Semsettin Yesilyurt
08/12/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.110	96	28116	1.000 ug/l	# 0.00
System Monitoring Compounds					
57) 4-Bromofluorobenzene	10.634	95	8445	0.882 ug/l	0.00
Spiked Amount 1.000			Recovery =	88.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	10191	0.979 ug/l	0.00
Spiked Amount 1.000			Recovery =	98.000%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	2579	0.238 ug/l	93
3) Chloromethane	1.518	50	2994	0.242 ug/l	89
4) Vinyl Chloride	1.602	62	3014	0.244 ug/l	92
5) Bromomethane	1.853	94	2125	0.280 ug/l #	80
6) Chloroethane	1.930	64	2278	0.304 ug/l #	88
7) Trichlorofluoromethane	2.132	101	3934	0.264 ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2067	0.255 ug/l	89
9) 1,1-Dichloroethene	2.576	96	2383	0.283 ug/l	96
10) Iodomethane	2.718	142	2903	0.233 ug/l	99
11) Allyl Chloride	2.920	41	2498	0.217 ug/l	93
13) Acetone	2.663	43	1724m	0.646 ug/l	
14) Carbon Disulfide	2.788	76	7078	0.248 ug/l #	93
15) Methylene Chloride	3.039	84	4388	0.417 ug/l	89
16) trans-1,2-Dichloroethene	3.351	96	2283	0.253 ug/l	88
17) 1,1-Dichloroethane	3.859	63	4059m	0.234 ug/l	
18) 2-Butanone	4.824	43	1736m	0.563 ug/l	
20) Methylcyclohexane	6.759	83	2390	0.202 ug/l	93
21) 2,2-Dichloropropane	4.656	77	2879	0.213 ug/l	93
22) cis-1,2-Dichloroethene	4.666	96	2288	0.237 ug/l	91
23) Diethyl Ether	2.374	59	1625	0.238 ug/l	94
25) Methyl tert-Butyl Ether	3.361	73	4490	0.218 ug/l #	76
26) Bromochloromethane	4.981	128	1056m	0.258 ug/l	
27) Chloroform	5.084	83	4785	0.282 ug/l	97
28) 1,1,1-Trichloroethane	5.303	97	3513m	0.250 ug/l	
29) 1,1-Dichloropropene	5.528	75	2521	0.224 ug/l	90
30) Carbon Tetrachloride	5.518	117	2917	0.254 ug/l	90
33) Tert-Amyl methyl ether	5.939	73	3719	0.214 ug/l	92
35) Benzene	5.772	78	8626	0.248 ug/l	98
36) 1,2-Dichloroethane	5.791	62	2395	0.248 ug/l #	75
37) Trichloroethene	6.537	130	2148	0.250 ug/l	97
38) 1,2-Dichloropropane	6.795	63	2277	0.242 ug/l	97
41) Tetrahydrofuran	5.090	42	398	0.229 ug/l #	42
42) 1-Chlorobutane	5.463	56	3163	0.203 ug/l	93
43) Dibromomethane	6.923	93	1015	0.213 ug/l #	72
44) Bromodichloromethane	7.103	83	3171	0.278 ug/l #	91
45) 4-Methyl-2-Pentanone	7.798	43	4167	0.933 ug/l	93
46) t-1,4-Dichloro-2-butene	10.833	75	1145m	0.458 ug/l	
47) Methyl methacrylate	6.975	69	1393m	0.361 ug/l	
49) Toluene	7.965	92	4070	0.211 ug/l	95
50) t-1,3-Dichloropropene	8.216	75	2222	0.236 ug/l #	88
51) cis-1,3-Dichloropropene	7.608	75	2392	0.211 ug/l #	83
52) 1,1,2-Trichloroethane	8.399	97	1784	0.256 ug/l #	79
53) 1,3-Dichloropropane	8.573	76	2658	0.239 ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Hexanone	8.701	43	2782m	0.804	ug/l		
55) Dibromochloromethane	8.804	129	1947	0.254	ug/l		99
56) 1,2-Dibromoethane	8.923	107	1501	0.240	ug/l		91
58) Tetrachloroethene	8.550	164	2257	0.294	ug/l	#	86
59) Chlorobenzene	9.450	112	5107	0.245	ug/l		93
60) 1,1,1,2-Tetrachloroethane	9.528	131	2176	0.265	ug/l		93
61) Pentachloroethane	11.425	117	2081m	0.296	ug/l		
62) Hexachloroethane	12.466	117	1713	0.252	ug/l		92
63) Ethyl Benzene	9.566	91	6944	0.663	ug/l		92
64) m/p-Xylenes	9.692	106	5090	1.199	ug/l		100
65) o-Xylene	10.100	106	2379	0.592	ug/l		92
66) Styrene	10.116	104	3555	0.600	ug/l		97
67) Bromoform	10.290	173	1130	0.252	ug/l	#	85
69) Isopropylbenzene	10.479	105	6447	0.631	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.775	83	2170	0.234	ug/l	#	96
71) 1,2,3-Trichloropropane	10.817	75	1576m	0.229	ug/l		
72) Bromobenzene	10.785	156	1966	0.229	ug/l		95
73) n-propylbenzene	10.900	120	2437	0.693	ug/l		95
74) 2-Chlorotoluene	10.981	126	1662	0.477	ug/l		79
75) 1,3,5-Trimethylbenzene	11.081	105	5271	0.600	ug/l		99
76) 4-Chlorotoluene	11.097	126	1686	0.493	ug/l		92
77) tert-Butylbenzene	11.415	119	5706	0.610	ug/l		97
78) 1,2,4-Trimethylbenzene	11.466	105	4924	0.625	ug/l		97
79) sec-Butylbenzene	11.640	105	6715	0.593	ug/l		100
81) p-Isopropyltoluene	11.788	119	5429	0.656	ug/l		99
82) 1,3-Dichlorobenzene	11.746	146	4582	0.256	ug/l		96
83) 1,4-Dichlorobenzene	11.839	146	4566	0.257	ug/l		91
84) n-Butylbenzene	12.209	91	5625	0.657	ug/l		95
85) 1,2-Dichlorobenzene	12.209	146	4072	0.236	ug/l		97
87) 1,2,4-Trichlorobenzene	13.839	180	2177	0.220	ug/l		97
88) Hexachlorobutadiene	14.013	225	1739	0.272	ug/l		98
90) 1,2,3-Trichlorobenzene	14.325	180	2294	0.238	ug/l	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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