Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
Data File : VU061150.D
Acq On : 17 Oct 2024 18:42
Operator : MD/SY
Sample : P4368-07 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 18 04:25:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 04:25:38 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.113	96	27882	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.630	95	13058	0.881	ug/l		0.00
Spiked Amount 1.000			Recovery =	88.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	12759	0.874	ug/l		0.00
Spiked Amount 1.000			Recovery =	87.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	3078	0.200	ug/l		94
3) Chloromethane	1.515	50	3455	0.236	ug/l		96
4) Vinyl Chloride	1.599	62	3252	0.217	ug/l		96
5) Bromomethane	1.856	94	2029	0.215	ug/l		97
6) Chloroethane	1.930	64	2240	0.223	ug/l		92
7) Trichlorofluoromethane	2.132	101	4557	0.213	ug/l		98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2306	0.217	ug/l		97
9) 1,1-Dichloroethene	2.573	96	2334	0.211	ug/l		94
11) Allyl Chloride	2.920	41	3326	0.233	ug/l		95
12) Acrylonitrile	3.364	53	618	0.278	ug/l		85
13) Acetone	2.660	43	3145m	1.084	ug/l		
14) Carbon Disulfide	2.788	76	8653	0.227	ug/l		96
15) Methylene Chloride	3.042	84	3898	0.272	ug/l		97
17) 1,1-Dichloroethane	3.859	63	4804	0.209	ug/l	#	94
18) 2-Butanone	4.775	43	3263m	0.918	ug/l		
19) Cyclohexane	5.380	56	4686m	0.227	ug/l		
22) cis-1,2-Dichloroethene	4.669	96	3221	0.228	ug/l		90
23) Diethyl Ether	2.374	59	1769	0.206	ug/l	#	84
24) tert-Butyl Alcohol	3.267	59	1471m	1.640	ug/l		
25) Methyl tert-Butyl Ether	3.351	73	6449	0.218	ug/l	#	91
27) Chloroform	5.084	83	5443	0.226	ug/l		96
28) 1,1,1-Trichloroethane	5.306	97	4344	0.204	ug/l		95
29) 1,1-Dichloropropene	5.528	75	3886	0.207	ug/l		97
30) Carbon Tetrachloride	5.512	117	3966	0.215	ug/l	#	81
31) Isopropyl Ether	3.981	45	6835	0.208	ug/l		94
32) Ethyl-t-butyl ether	4.492	59	6809	0.202	ug/l		90
33) Tert-Amyl methyl ether	5.933	73	6226	0.205	ug/l		100
34) Propionitrile	4.856	54	618m	0.729	ug/l		
35) Benzene	5.772	78	10989	0.208	ug/l	#	89
36) 1,2-Dichloroethane	5.801	62	3151	0.211	ug/l	#	78
37) Trichloroethene	6.544	130	3319	0.235	ug/l	#	74
38) 1,2-Dichloropropane	6.791	63	2699	0.201	ug/l		99
39) Methacrylonitrile	5.026	41	613m	0.201	ug/l		
41) Tetrahydrofuran	5.084	42	855m	0.466	ug/l		
42) 1-Chlorobutane	5.457	56	5206	0.216	ug/l		91
44) Bromodichloromethane	7.100	83	3713	0.220	ug/l		94
45) 4-Methyl-2-Pentanone	7.791	43	7017	1.006	ug/l		98
46) t-1,4-Dichloro-2-butene	10.830	75	1278m	0.459	ug/l		
47) Methyl methacrylate	6.981	69	2139	0.354	ug/l	#	87
49) Toluene	7.968	92	7287	0.218	ug/l		97
52) 1,1,2-Trichloroethane	8.393	97	1953	0.208	ug/l		95
53) 1,3-Dichloropropane	8.573	76	3342	0.203	ug/l		94
54) 2-Hexanone	8.698	43	5419m	0.945	ug/l		

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
Data File : VU061150.D
Acq On : 17 Oct 2024 18:42
Operator : MD/SY
Sample : P4368-07 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

Quant Time: Oct 18 04:25:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 04:25:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibromochloromethane	8.804	129	2346	0.212	ug/l		89
56) 1,2-Dibromoethane	8.920	107	1873	0.208	ug/l		100
58) Tetrachloroethene	8.547	164	2814	0.235	ug/l		85
59) Chlorobenzene	9.447	112	7746	0.215	ug/l		92
60) 1,1,1,2-Tetrachloroethane	9.528	131	2628	0.216	ug/l		97
63) Ethyl Benzene	9.566	91	13722	0.213	ug/l		96
64) m/p-Xylenes	9.692	106	10122	0.412	ug/l		90
65) o-Xylene	10.097	106	5174	0.214	ug/l		92
66) Styrene	10.116	104	7675	0.204	ug/l		98
69) Isopropylbenzene	10.479	105	11799	0.205	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.775	83	2429	0.213	ug/l	#	94
71) 1,2,3-Trichloropropane	10.820	75	2268m	0.245	ug/l		
72) Bromobenzene	10.782	156	2885	0.209	ug/l		85
74) 2-Chlorotoluene	10.984	126	3085	0.212	ug/l		99
77) tert-Butylbenzene	11.412	119	10705	0.209	ug/l		96
79) sec-Butylbenzene	11.637	105	13363	0.200	ug/l		99
82) 1,3-Dichlorobenzene	11.743	146	5561	0.209	ug/l		95
83) 1,4-Dichlorobenzene	11.836	146	6048	0.229	ug/l		95
85) 1,2-Dichlorobenzene	12.209	146	5329	0.215	ug/l		96
87) 1,2,4-Trichlorobenzene	13.843	180	3007	0.212	ug/l		100
88) Hexachlorobutadiene	14.010	225	1734	0.216	ug/l		94
89) Naphthalene	14.103	128	5137	0.205	ug/l	#	95
90) 1,2,3-Trichlorobenzene	14.331	180	2725	0.214	ug/l		87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
Data File : VU061150.D
Acq On : 17 Oct 2024 18:42
Operator : MD/SY
Sample : P4368-07 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 18 04:25:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 04:25:38 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024