Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
Data File : VU061172.D
Acq On : 21 Oct 2024 15:18
Operator : MD/SY
Sample : P4368-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 01:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 22 01:35:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.113	96	28019	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14171	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	14061	0.959	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	13305	0.862	ug/l	99
3) Chloromethane	1.518	50	14452	0.984	ug/l	99
4) Vinyl Chloride	1.599	62	13573	0.900	ug/l	99
5) Bromomethane	1.853	94	8862	0.935	ug/l	100
6) Chloroethane	1.930	64	9680	0.958	ug/l	97
7) Trichlorofluoromethane	2.133	101	19206	0.895	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	9726	0.912	ug/l	95
9) 1,1-Dichloroethene	2.573	96	10500	0.944	ug/l	92
10) Iodomethane	2.715	142	10929	0.826	ug/l	99
11) Allyl Chloride	2.920	41	13056	0.912	ug/l	99
12) Acrylonitrile	3.335	53	4295m	1.921	ug/l	
13) Acetone	2.644	43	17008	5.832	ug/l	99
14) Carbon Disulfide	2.785	76	33893	0.885	ug/l	98
15) Methylene Chloride	3.039	84	13528	0.940	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	11712	0.898	ug/l	99
17) 1,1-Dichloroethane	3.862	63	21209	0.917	ug/l	99
18) 2-Butanone	4.727	43	18231m	5.106	ug/l	
19) Cyclohexane	5.380	56	18224m	0.880	ug/l	
20) Methylcyclohexane	6.753	83	20232	0.876	ug/l	97
21) 2,2-Dichloropropane	4.653	77	19273	0.904	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	13246	0.933	ug/l	98
23) Diethyl Ether	2.374	59	7999	0.926	ug/l	95
24) tert-Butyl Alcohol	3.242	59	9493m	10.532	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	27012	0.907	ug/l	96
26) Bromochloromethane	4.972	128	5114	0.861	ug/l	98
27) Chloroform	5.081	83	22671	0.935	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	19167	0.897	ug/l	100
29) 1,1-Dichloropropene	5.522	75	16934	0.896	ug/l	98
30) Carbon Tetrachloride	5.518	117	16610	0.896	ug/l	99
31) Isopropyl Ether	3.988	45	30290	0.918	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	30960	0.913	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	27948	0.916	ug/l	99
34) Propionitrile	4.821	54	4276m	5.020	ug/l	
35) Benzene	5.769	78	48517	0.912	ug/l	99
36) 1,2-Dichloroethane	5.795	62	13996	0.932	ug/l	98
37) Trichloroethene	6.541	130	12861	0.906	ug/l	95
38) 1,2-Dichloropropane	6.785	63	12163	0.903	ug/l	99
39) Methacrylonitrile	4.988	41	2854	0.930	ug/l #	85
40) Methyl acrylate	4.878	55	5898m	0.948	ug/l	
41) Tetrahydrofuran	5.068	42	3315	1.799	ug/l	93
42) 1-Chlorobutane	5.454	56	21448	0.885	ug/l	97
43) Dibromomethane	6.914	93	6405	0.917	ug/l	98
44) Bromodichloromethane	7.097	83	15581	0.917	ug/l	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
Data File : VU061172.D
Acq On : 21 Oct 2024 15:18
Operator : MD/SY
Sample : P4368-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 01:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 22 01:35:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	32335	4.612	ug/l		97
46) t-1,4-Dichloro-2-butene	10.827	75	5764m	2.062	ug/l		
47) Methyl methacrylate	6.965	69	11178m	1.841	ug/l		
48) Ethyl methacrylate	8.335	69	11189	0.864	ug/l		96
49) Toluene	7.962	92	30589	0.910	ug/l		99
50) t-1,3-Dichloropropene	8.210	75	14526	0.887	ug/l		94
51) cis-1,3-Dichloropropene	7.605	75	18400	0.916	ug/l		98
52) 1,1,2-Trichloroethane	8.396	97	8556	0.908	ug/l		97
53) 1,3-Dichloropropane	8.570	76	16502	0.997	ug/l		94
54) 2-Hexanone	8.685	43	27182	4.719	ug/l		100
55) Dibromochloromethane	8.804	129	9912	0.891	ug/l		100
56) 1,2-Dibromoethane	8.920	107	7991	0.884	ug/l		99
58) Tetrachloroethene	8.547	164	10765	0.894	ug/l		95
59) Chlorobenzene	9.444	112	32060	0.886	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.528	131	11225	0.919	ug/l		96
61) Pentachloroethane	11.418	117	8047	0.861	ug/l		96
62) Hexachloroethane	12.467	117	7977	0.829	ug/l		98
63) Ethyl Benzene	9.566	91	56305	0.868	ug/l		98
64) m/p-Xylenes	9.689	106	43846	1.777	ug/l		96
65) o-Xylene	10.094	106	21189	0.872	ug/l		97
66) Styrene	10.110	104	32474	0.859	ug/l		99
67) Bromoform	10.283	173	5049	0.867	ug/l	#	96
69) Isopropylbenzene	10.476	105	50805	0.879	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.772	83	10281	0.899	ug/l		97
71) 1,2,3-Trichloropropane	10.817	75	7732m	0.830	ug/l		
72) Bromobenzene	10.779	156	12255	0.881	ug/l		86
73) n-propylbenzene	10.901	120	14220	0.843	ug/l		100
74) 2-Chlorotoluene	10.981	126	13389	0.917	ug/l		95
75) 1,3,5-Trimethylbenzene	11.081	105	45673	0.876	ug/l		97
76) 4-Chlorotoluene	11.094	126	12841	0.866	ug/l		97
77) tert-Butylbenzene	11.412	119	45385	0.881	ug/l		98
78) 1,2,4-Trimethylbenzene	11.460	105	44231	0.840	ug/l		98
79) sec-Butylbenzene	11.637	105	58906	0.878	ug/l		100
80) Nitrobenzene	13.235	77	866m	3.458	ug/l		
81) p-Isopropyltoluene	11.785	119	46601	0.839	ug/l		98
82) 1,3-Dichlorobenzene	11.743	146	23185	0.869	ug/l		100
83) 1,4-Dichlorobenzene	11.833	146	22525	0.847	ug/l		94
84) n-Butylbenzene	12.203	91	41999	0.815	ug/l		97
85) 1,2-Dichlorobenzene	12.206	146	22430	0.899	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1496	0.881	ug/l		94
87) 1,2,4-Trichlorobenzene	13.840	180	11504	0.807	ug/l		99
88) Hexachlorobutadiene	14.013	225	6941	0.861	ug/l		98
89) Naphthalene	14.090	128	19413	0.771	ug/l		97
90) 1,2,3-Trichlorobenzene	14.325	180	10169	0.794	ug/l		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
Data File : VU061172.D
Acq On : 21 Oct 2024 15:18
Operator : MD/SY
Sample : P4368-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 01:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 22 01:35:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024