Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045302.D
Acq On : 13 Oct 2021 11:05
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/14/2021 2:37:05 PM

Quant Time: Oct 14 05:05:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:02:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	42504	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	15152	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
68) 1,2-Dichlorobenzene-d4	12.195	152	14148	0.784	ug/l	0.00
Spiked Amount 1.000			Recovery =	78.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	80721	4.880	ug/l	100
3) Chloromethane	1.520	50	81795	4.373	ug/l	99
4) Vinyl Chloride	1.604	62	86009	4.062	ug/l	99
5) Bromomethane	1.858	94	45445	2.783	ug/l	100
6) Chloroethane	1.935	64	54515	3.491	ug/l	99
7) Trichlorofluoromethane	2.141	101	99880	3.060	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	58577	2.960	ug/l	99
9) 1,1-Dichloroethene	2.581	96	54036	2.956	ug/l	99
10) Iodomethane	2.726	142	61482	2.887	ug/l	100
11) Allyl Chloride	2.928	41	79699	3.700	ug/l	99
12) Acrylonitrile	3.330	53	29266	8.522	ug/l	96
13) Acetone	2.645	43	75262	32.225	ug/l	97
14) Carbon Disulfide	2.797	76	166356	3.126	ug/l	100
15) Methylene Chloride	3.051	84	62460	2.136	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	59124	2.999	ug/l	98
17) 1,1-Dichloroethane	3.874	63	111525	3.318	ug/l	100
18) 2-Butanone	4.719	43	101812	25.517	ug/l	99
19) Cyclohexane	5.391	56	104038m	3.422	ug/l	
20) Methylcyclohexane	6.768	83	102736	5.394	ug/l	98
21) 2,2-Dichloropropane	4.671	77	93313	3.033	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	64524	2.873	ug/l	99
23) Diethyl Ether	2.382	59	52668	3.943	ug/l	97
24) tert-Butyl Alcohol	3.218	59	49299	68.313	ug/l #	95
25) Methyl tert-Butyl Ether	3.372	73	153389	3.347	ug/l	97
26) Bromochloromethane	4.980	128	27933	2.661	ug/l	98
27) Chloroform	5.096	83	111065	2.861	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	92819	2.815	ug/l	99
29) 1,1-Dichloropropene	5.530	75	87144	5.437	ug/l	99
30) Carbon Tetrachloride	5.530	117	72221	4.692	ug/l	98
31) Isopropyl Ether	4.002	45	177079	3.680	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	180572	3.443	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	159754	5.774	ug/l	99
34) Propionitrile	4.797	54	27898	26.059	ug/l #	91
35) Benzene	5.777	78	245648	5.365	ug/l	99
36) 1,2-Dichloroethane	5.800	62	77729	5.228	ug/l	99
37) Trichloroethene	6.546	130	60342	4.682	ug/l	98
38) 1,2-Dichloropropane	6.796	63	63582	5.494	ug/l	98
39) Methacrylonitrile	4.980	41	22421	3.917	ug/l	95
40) Methyl acrylate	4.854	55	33830	3.560	ug/l #	94
41) Tetrahydrofuran	5.070	42	24291	8.317	ug/l	94
42) 1-Chlorobutane	5.462	56	123382	5.884	ug/l	99
43) Dibromomethane	6.922	93	31956	4.656	ug/l	99
44) Bromodichloromethane	7.112	83	78952	4.945	ug/l	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045302.D
Acq On : 13 Oct 2021 11:05
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/14/2021 2:37:05 PM

Quant Time: Oct 14 05:05:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:02:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	221573	30.173	ug/l		99
46) t-1,4-Dichloro-2-butene	10.835	75	34829m	11.545	ug/l		
47) Methyl methacrylate	6.967	69	66052	11.175	ug/l		99
48) Ethyl methacrylate	8.340	69	65835	5.547	ug/l		99
49) Toluene	7.973	92	152131	5.128	ug/l		100
50) t-1,3-Dichloropropene	8.214	75	77836	5.484	ug/l		100
51) cis-1,3-Dichloropropene	7.613	75	91889	5.653	ug/l		100
52) 1,1,2-Trichloroethane	8.404	97	45690	4.698	ug/l		97
53) 1,3-Dichloropropane	8.581	76	84736	5.008	ug/l		99
54) 2-Hexanone	8.690	43	166122	31.357	ug/l		100
55) Dibromochloromethane	8.812	129	47810	4.389	ug/l		98
56) 1,2-Dibromoethane	8.928	107	42871	4.520	ug/l		96
58) Tetrachloroethene	8.555	164	53522	4.467	ug/l		99
59) Chlorobenzene	9.449	112	156300	4.709	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.539	131	52764	4.482	ug/l		98
61) Pentachloroethane	11.430	117	38131	4.146	ug/l		100
62) Hexachloroethane	12.478	117	39831	4.299	ug/l		99
63) Ethyl Benzene	9.574	91	287921	5.192	ug/l		99
64) m/p-Xylenes	9.697	106	220323	10.022	ug/l		100
65) o-Xylene	10.102	106	106573	5.003	ug/l		99
66) Styrene	10.118	104	175616	4.912	ug/l		100
67) Bromoform	10.295	173	25414	4.192	ug/l		99
69) Isopropylbenzene	10.488	105	277099	4.975	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.787	83	58309	4.473	ug/l		99
71) 1,2,3-Trichloropropane	10.828	75	51484m	5.451	ug/l		
72) Bromobenzene	10.783	156	61030	4.353	ug/l		99
73) n-propylbenzene	10.909	120	72440	4.720	ug/l		97
74) 2-Chlorotoluene	10.989	126	63372	4.609	ug/l		99
75) 1,3,5-Trimethylbenzene	11.092	105	237143	4.965	ug/l		99
76) 4-Chlorotoluene	11.102	126	64678	4.467	ug/l		97
77) tert-Butylbenzene	11.423	119	226682	4.775	ug/l		99
78) 1,2,4-Trimethylbenzene	11.472	105	240837	4.932	ug/l		100
79) sec-Butylbenzene	11.648	105	310865	4.822	ug/l		98
80) Nitrobenzene	13.211	77	8493	27.772	ug/l	#	96
81) p-Isopropyltoluene	11.796	119	253358	4.822	ug/l		100
82) 1,3-Dichlorobenzene	11.748	146	120379	4.300	ug/l		99
83) 1,4-Dichlorobenzene	11.838	146	118909	4.238	ug/l		99
84) n-Butylbenzene	12.211	91	239420	4.784	ug/l		99
85) 1,2-Dichlorobenzene	12.217	146	112862	4.048	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	10161	5.283	ug/l		97
87) 1,2,4-Trichlorobenzene	13.844	180	70415	4.053	ug/l		100
88) Hexachlorobutadiene	14.024	225	33104	3.468	ug/l		99
89) Naphthalene	14.089	128	139442	4.134	ug/l		100
90) 1,2,3-Trichlorobenzene	14.333	180	65732	3.917	ug/l		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045302.D
Acq On : 13 Oct 2021 11:05
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 05:05:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:02:20 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/14/2021 2:37:05 PM