Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033363.D
Acq On : 22 Jul 2019 20:34
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Quant Time: Jul 23 02:20:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	31877	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11884	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	12933	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery = 120.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	64270	4.519	ug/l	99
3) Chloromethane	1.32	50	69601	4.144	ug/l	98
4) Vinyl Chloride	1.39	62	79141	4.841	ug/l	98
5) Bromomethane	1.62	94	50996	6.148	ug/l	98
6) Chloroethane	1.69	64	54576	5.684	ug/l	100
7) Trichlorofluoromethane	1.87	101	107600	5.598	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	56086	5.892	ug/l	98
9) 1,1-Dichloroethene	2.27	96	55654	5.880	ug/l	98
10) Iodomethane	2.40	142	76824	7.099	ug/l	99
11) Allyl Chloride	2.58	41	90491	4.576	ug/l	99
12) Acrylonitrile	2.93	53	28854	10.202	ug/l	98
13) Acetone	2.32	43	61658	24.219	ug/l	99
14) Carbon Disulfide	2.46	76	205889	5.687	ug/l	100
15) Methylene Chloride	2.68	84	68682	5.715	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	62880	5.911	ug/l	94
17) 1,1-Dichloroethane	3.42	63	86423	4.168	ug/l	99
18) 2-Butanone	4.26	43	64838	20.454	ug/l	98
19) Cyclohexane	4.96	56	66445m	4.209	ug/l	
20) Methylcyclohexane	6.39	83	66715	5.099	ug/l	98
21) 2,2-Dichloropropane	4.20	77	70007	4.554	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	50329	4.659	ug/l	99
23) Diethyl Ether	2.09	59	47561	5.332	ug/l	98
24) tert-Butyl Alcohol	2.85	59	64089	66.127	ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	159749	5.815	ug/l	99
26) Bromochloromethane	4.52	128	21342	4.652	ug/l	96
27) Chloroform	4.65	83	92748	4.737	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	78550	4.745	ug/l	100
29) 1,1-Dichloropropene	5.11	75	65380	4.918	ug/l	98
30) Carbon Tetrachloride	5.11	117	68901	4.862	ug/l	98
31) Isopropyl Ether	3.56	45	109363	3.606	ug/l	97
32) Ethyl-t-butyl ether	4.05	59	107070	4.266	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	99194	4.867	ug/l	99
34) Propionitrile	4.33	54	19717	22.825	ug/l #	97
35) Benzene	5.36	78	186907	4.605	ug/l	100
36) 1,2-Dichloroethane	5.38	62	62649	4.703	ug/l	99
37) Trichloroethene	6.16	130	48834	4.842	ug/l	97
38) 1,2-Dichloropropane	6.41	63	52080	4.554	ug/l	99
39) Methacrylonitrile	4.53	41	14736	4.169	ug/l	98
40) Methyl acrylate	4.41	55	23835	5.082	ug/l #	95
41) Tetrahydrofuran	4.63	42	15304	7.840	ug/l	98
42) 1-Chlorobutane	5.04	56	88777	4.470	ug/l	99

MMDadoda
7/23/2019 8:54:53 AM

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Data File : VU033363.D
Acq On : 22 Jul 2019 20:34
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

MMDadoda
7/23/2019 8:54:53 AM

Quant Time: Jul 23 02:20:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	29479	5.129 ug/l	98
44) Bromodichloromethane	6.74	83	67969	4.800 ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	152388	22.807 ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	26592m	12.288 ug/l	
47) Methyl methacrylate	6.61	69	46064	10.487 ug/l	98
48) Ethyl methacrylate	8.01	69	41117	5.377 ug/l	97
49) Toluene	7.62	92	111993	5.231 ug/l	98
50) t-1,3-Dichloropropene	7.86	75	58791	5.241 ug/l	97
51) cis-1,3-Dichloropropene	7.25	75	67671	4.994 ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	37902	5.027 ug/l	96
53) 1,3-Dichloropropane	8.22	76	66095	5.061 ug/l	99
54) 2-Hexanone	8.35	43	110255	24.358 ug/l	97
55) Dibromochloromethane	8.46	129	45578	5.343 ug/l	99
56) 1,2-Dibromoethane	8.57	107	36038	5.329 ug/l	96
58) Tetrachloroethene	8.21	164	44787	4.631 ug/l	97
59) Chlorobenzene	9.10	112	123875	5.431 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	45108	5.104 ug/l	99
61) Pentachloroethane	11.09	117	36917	5.715 ug/l	98
62) Hexachloroethane	12.13	117	37055	5.871 ug/l	99
63) Ethyl Benzene	9.23	91	206430	5.561 ug/l	99
64) m/p-Xylenes	9.36	106	175396	12.516 ug/l	94
65) o-Xylene	9.76	106	79033	5.788 ug/l	99
66) Styrene	9.77	104	141586	6.238 ug/l	99
67) Bromoform	9.94	173	24972	5.240 ug/l	99
69) Isopropylbenzene	10.15	105	207167	5.823 ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	50977	5.235 ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	36923m	5.194 ug/l	
72) Bromobenzene	10.44	156	52830	5.817 ug/l	98
73) n-propylbenzene	10.57	120	60285	6.447 ug/l	99
74) 2-Chlorotoluene	10.64	126	53955	6.081 ug/l	98
75) 1,3,5-Trimethylbenzene	10.76	105	192899	6.304 ug/l	99
76) 4-Chlorotoluene	10.76	126	56437	6.468 ug/l	97
77) tert-Butylbenzene	11.08	119	173479	6.032 ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	194750	6.278 ug/l	100
79) sec-Butylbenzene	11.31	105	243852	6.212 ug/l	100
80) Nitrobenzene	12.85	77	6795	28.050 ug/l	91
81) p-Isopropyltoluene	11.46	119	197304	6.357 ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	110961	6.104 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	112566	6.420 ug/l	99
84) n-Butylbenzene	11.87	91	201964	6.723 ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	103062	5.949 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	8508	6.001 ug/l	93
87) 1,2,4-Trichlorobenzene	13.49	180	62678	6.977 ug/l	99
88) Hexachlorobutadiene	13.68	225	36812	5.833 ug/l	97
89) Naphthalene	13.73	128	115012	7.299 ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	62907	6.882 ug/l	96

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

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