Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027749.D
Acq On : 22 Oct 2018 19:09
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
sam
10/24/2018 2:20:16 PM

Quant Time: Oct 23 04:37:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 04:01:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	13338	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	5058	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4681	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	26478	4.706	ug/l		100
3) Chloromethane	1.33	50	27872	4.611	ug/l		100
4) Vinyl Chloride	1.40	62	26147	4.628	ug/l		100
5) Bromomethane	1.63	94	13783	5.090	ug/l		99
6) Chloroethane	1.70	64	13612	4.037	ug/l		92
7) Trichlorofluoromethane	1.89	101	32730	4.929	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16891	4.605	ug/l		97
9) 1,1-Dichloroethene	2.29	96	14999	4.580	ug/l		99
10) Iodomethane	2.41	142	21834	4.955	ug/l		98
11) Allyl Chloride	2.59	41	34808	4.528	ug/l		100
12) Acrylonitrile	2.95	53	8655	8.305	ug/l		97
13) Acetone	2.34	43	17884	22.796	ug/l		96
14) Carbon Disulfide	2.48	76	55475	4.672	ug/l		99
15) Methylene Chloride	2.70	84	17863	4.467	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	16948	4.613	ug/l		94
17) 1,1-Dichloroethane	3.45	63	36625	4.776	ug/l		99
18) 2-Butanone	4.30	43	33894	24.035	ug/l		98
19) Cyclohexane	4.99	56	33293	4.745	ug/l		98
20) Methylcyclohexane	6.41	83	34181	4.986	ug/l		99
21) 2,2-Dichloropropane	4.23	77	31485	4.633	ug/l		98
22) cis-1,2-Dichloroethene	4.23	96	19865	4.763	ug/l		97
23) Diethyl Ether	2.11	59	14383	4.658	ug/l		97
24) tert-Butyl Alcohol	2.89	59	14493m	49.022	ug/l		
25) Methyl tert-Butyl Ether	3.01	73	48278	4.657	ug/l		100
26) Bromochloromethane	4.55	128	8386	4.967	ug/l		96
27) Chloroform	4.68	83	35699	4.719	ug/l		97
28) 1,1,1-Trichloroethane	4.92	97	32258	4.941	ug/l		99
29) 1,1-Dichloropropene	5.14	75	28303	4.921	ug/l		99
30) Carbon Tetrachloride	5.13	117	28418	4.885	ug/l		96
31) Isopropyl Ether	3.58	45	66066	4.586	ug/l		98
32) Ethyl-t-butyl ether	4.08	59	59501	4.681	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	50382	4.718	ug/l		99
34) Propionitrile	4.36	54	8909	23.520	ug/l	#	92
35) Benzene	5.39	78	78776	4.868	ug/l		99
36) 1,2-Dichloroethane	5.41	62	26068	5.053	ug/l		100
37) Trichloroethene	6.19	130	19410	4.869	ug/l		97
38) 1,2-Dichloropropane	6.44	63	22449	4.918	ug/l		100
39) Methacrylonitrile	4.56	41	9075	4.863	ug/l		97
40) Methyl acrylate	4.44	55	11900	4.700	ug/l		99
41) Tetrahydrofuran	4.67	42	9296	9.274	ug/l		97
42) 1-Chlorobutane	5.07	56	44001	4.888	ug/l		97

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Data File : VU027749.D
Acq On : 22 Oct 2018 19:09
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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sam
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Quant Time: Oct 23 04:37:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 04:01:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	10264	5.047	ug/l		97
44) Bromodichloromethane	6.76	83	27550	5.044	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	81428	23.663	ug/l		100
46) t-1,4-Dichloro-2-butene	10.52	75	12376m	9.727	ug/l		
47) Methyl methacrylate	6.63	69	22038	9.800	ug/l		97
48) Ethyl methacrylate	8.02	69	22707	4.717	ug/l		98
49) Toluene	7.64	92	47364	4.837	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	27409	4.939	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	32334	4.912	ug/l		96
52) 1,1,2-Trichloroethane	8.07	97	14198	4.939	ug/l		96
53) 1,3-Dichloropropane	8.24	76	26037	4.901	ug/l		98
54) 2-Hexanone	8.37	43	58610	23.119	ug/l		99
55) Dibromochloromethane	8.48	129	17640	5.040	ug/l		100
56) 1,2-Dibromoethane	8.59	107	13606	5.013	ug/l		100
58) Tetrachloroethene	8.23	164	18629	5.165	ug/l		94
59) Chlorobenzene	9.12	112	49289	4.803	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	18387	4.941	ug/l		99
61) Pentachloroethane	11.10	117	14210	4.934	ug/l		99
62) Hexachloroethane	12.15	117	15257	4.917	ug/l		99
63) Ethyl Benzene	9.25	91	96268	5.074	ug/l		99
64) m/p-Xylenes	9.38	106	68870	9.928	ug/l		99
65) o-Xylene	9.78	106	33202	4.795	ug/l		99
66) Styrene	9.79	104	56380	4.920	ug/l		100
67) Bromoform	9.96	173	9931	4.892	ug/l		99
69) Isopropylbenzene	10.17	105	91404	4.931	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	17900	4.797	ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	13832m	4.772	ug/l		
72) Bromobenzene	10.45	156	20699	4.996	ug/l		97
73) n-propylbenzene	10.59	120	24193	5.092	ug/l		99
74) 2-Chlorotoluene	10.66	126	20637	4.866	ug/l		96
75) 1,3,5-Trimethylbenzene	10.77	105	78212	5.057	ug/l		98
76) 4-Chlorotoluene	10.77	126	20788	5.090	ug/l		98
77) tert-Butylbenzene	11.10	119	75954	4.952	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	80279	5.035	ug/l		100
79) sec-Butylbenzene	11.32	105	100562	5.123	ug/l		100
80) Nitrobenzene	12.86	77	3454	19.921	ug/l	#	97
81) p-Isopropyltoluene	11.48	119	83283	5.205	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	40584	5.095	ug/l		100
83) 1,4-Dichlorobenzene	11.51	146	40851	5.194	ug/l		99
84) n-Butylbenzene	11.89	91	82044	5.433	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	38019	5.008	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3442	5.216	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	30021	5.392	ug/l		97
88) Hexachlorobutadiene	13.69	225	17383	5.244	ug/l		99
89) Naphthalene	13.74	128	54225	4.928	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	27319	5.311	ug/l		97

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

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