Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
Data File : VU049632.D
Acq On : 06 Jul 2022 10:42
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 06:18:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 06:16:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	58242	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	21430	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	19697	0.807	ug/l	0.00
Spiked Amount 1.000			Recovery = 81.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	44763	2.119	ug/l	98
3) Chloromethane	1.526	50	43746	1.891	ug/l	99
4) Vinyl Chloride	1.604	62	41365	2.000	ug/l	100
5) Bromomethane	1.858	94	21263	1.699	ug/l	94
6) Chloroethane	1.935	64	23168	1.843	ug/l	100
7) Trichlorofluoromethane	2.141	101	48863	1.798	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	25854	1.670	ug/l	98
9) 1,1-Dichloroethene	2.581	96	25033	1.621	ug/l	94
10) Iodomethane	2.723	142	32410	2.702	ug/l	99
11) Allyl Chloride	2.922	41	43404	1.976	ug/l	98
12) Acrylonitrile	3.317	53	13257	3.410	ug/l	97
13) Acetone	2.629	43	23945	7.788	ug/l	99
14) Carbon Disulfide	2.793	76	83756	1.705	ug/l	97
15) Methylene Chloride	3.044	84	31384	1.281	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	27207	1.616	ug/l	96
17) 1,1-Dichloroethane	3.867	63	55904	1.958	ug/l	98
18) 2-Butanone	4.716	43	41677	9.842	ug/l	97
19) Cyclohexane	5.385	56	54896m	2.453	ug/l	
20) Methylcyclohexane	6.761	83	52764	2.175	ug/l	98
21) 2,2-Dichloropropane	4.665	77	44369	1.896	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	33721	1.906	ug/l	96
23) Diethyl Ether	2.378	59	22103	1.892	ug/l	97
24) tert-Butyl Alcohol	3.195	59	26278	20.909	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	69308	1.786	ug/l	100
26) Bromochloromethane	4.976	128	14307	1.663	ug/l	96
27) Chloroform	5.089	83	56184	1.880	ug/l	97
28) 1,1,1-Trichloroethane	5.317	97	48440	1.898	ug/l	98
29) 1,1-Dichloropropene	5.523	75	43521	2.015	ug/l	98
30) Carbon Tetrachloride	5.523	117	40483	1.829	ug/l	98
31) Isopropyl Ether	3.999	45	95226	2.325	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	89545	2.272	ug/l	99
33) Tert-Amyl methyl ether	5.947	73	76693	2.187	ug/l	99
34) Propionitrile	4.787	54	11893	8.820	ug/l	97
35) Benzene	5.774	78	123929	1.925	ug/l	99
36) 1,2-Dichloroethane	5.796	62	34722	1.851	ug/l	99
37) Trichloroethene	6.542	130	30485	1.666	ug/l	99
38) 1,2-Dichloropropane	6.793	63	32176	1.959	ug/l	99
39) Methacrylonitrile	4.986	41	11044	2.243	ug/l	98
40) Methyl acrylate	4.857	55	16033	2.008	ug/l	97
41) Tetrahydrofuran	5.070	42	12437	4.479	ug/l	93
42) 1-Chlorobutane	5.459	56	60501	2.140	ug/l	99
43) Dibromomethane	6.919	93	15683	1.701	ug/l	97
44) Bromodichloromethane	7.108	83	38594	1.793	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
Data File : VU049632.D
Acq On : 06 Jul 2022 10:42
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 06:18:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 06:16:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	106243	10.873	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	13679m	3.074	ug/l	
47) Methyl methacrylate	6.967	69	31257	4.110	ug/l	98
48) Ethyl methacrylate	8.336	69	32354	2.284	ug/l	98
49) Toluene	7.970	92	75149	1.936	ug/l	100
50) t-1,3-Dichloropropene	8.211	75	36941	1.925	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	43539	1.956	ug/l	98
52) 1,1,2-Trichloroethane	8.401	97	22420	1.728	ug/l	96
53) 1,3-Dichloropropane	8.578	76	39806	1.848	ug/l	100
54) 2-Hexanone	8.687	43	73075	10.482	ug/l	99
55) Dibromochloromethane	8.809	129	25219	1.634	ug/l	100
56) 1,2-Dibromoethane	8.925	107	21520	1.738	ug/l	100
58) Tetrachloroethene	8.552	164	25962	1.603	ug/l	97
59) Chlorobenzene	9.446	112	78771	1.747	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	28227	1.763	ug/l	95
61) Pentachloroethane	11.426	117	21659	1.635	ug/l	97
62) Hexachloroethane	12.475	117	20941	1.714	ug/l	98
63) Ethyl Benzene	9.571	91	144526	2.043	ug/l	98
64) m/p-Xylenes	9.693	106	104554	3.765	ug/l	99
65) o-Xylene	10.098	106	51660	1.939	ug/l	99
66) Styrene	10.115	104	82810	1.857	ug/l	100
67) Bromoform	10.291	173	13785	1.432	ug/l	98
69) Isopropylbenzene	10.484	105	140548	2.009	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	28917	1.736	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	23884m	1.860	ug/l	
72) Bromobenzene	10.780	156	31729	1.560	ug/l	96
73) n-propylbenzene	10.906	120	34438	1.759	ug/l	98
74) 2-Chlorotoluene	10.986	126	30904	1.675	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	114710	1.940	ug/l	99
76) 4-Chlorotoluene	11.098	126	30807	1.599	ug/l	90
77) tert-Butylbenzene	11.420	119	113388	1.898	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	119050	1.970	ug/l	99
79) sec-Butylbenzene	11.642	105	152454	1.949	ug/l	98
80) Nitrobenzene	13.211	77	5603	8.768	ug/l	94
81) p-Isopropyltoluene	11.793	119	122677	1.890	ug/l	100
82) 1,3-Dichlorobenzene	11.745	146	61538	1.511	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	62087	1.529	ug/l	99
84) n-Butylbenzene	12.208	91	111730	1.793	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	59328	1.541	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	4798	1.784	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	39847	1.431	ug/l	99
88) Hexachlorobutadiene	14.021	225	20859	1.282	ug/l	99
89) Naphthalene	14.085	128	79457	1.779	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	37502	1.452	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
Data File : VU049632.D
Acq On : 06 Jul 2022 10:42
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 06:18:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 06:16:20 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022