Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
Data File : VU049654.D
Acq On : 07 Jul 2022 15:58
Operator : SY/MD
Sample : VU0707WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 08 09:11:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	41797	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14731	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
68) 1,2-Dichlorobenzene-d4	12.192	152	13899	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31382	1.961	ug/l	98
3) Chloromethane	1.533	50	31285	1.911	ug/l	99
4) Vinyl Chloride	1.604	62	28309	1.896	ug/l	93
5) Bromomethane	1.858	94	13462	1.729	ug/l	94
6) Chloroethane	1.932	64	15298	1.830	ug/l	100
7) Trichlorofluoromethane	2.141	101	35211	1.968	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	18219	1.938	ug/l	99
9) 1,1-Dichloroethene	2.581	96	18006	1.900	ug/l	91
10) Iodomethane	2.723	142	17660	1.469	ug/l	92
11) Allyl Chloride	2.922	41	29682	1.837	ug/l	88
12) Acrylonitrile	3.327	53	9603	3.790	ug/l	96
13) Acetone	2.642	43	19978	10.797	ug/l	96
14) Carbon Disulfide	2.790	76	56532	1.812	ug/l	100
15) Methylene Chloride	3.044	84	29885	2.518	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	17783	1.787	ug/l	96
17) 1,1-Dichloroethane	3.864	63	37788	1.836	ug/l	97
18) 2-Butanone	4.732	43	33373	10.369	ug/l	96
19) Cyclohexane	5.379	56	31624	1.608	ug/l	96
20) Methylcyclohexane	6.758	83	33288	1.717	ug/l	99
21) 2,2-Dichloropropane	4.662	77	31333	1.861	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	22100	1.801	ug/l	94
23) Diethyl Ether	2.379	59	15821	1.960	ug/l	95
24) tert-Butyl Alcohol	3.231	59	20392	22.139	ug/l #	79
25) Methyl tert-Butyl Ether	3.372	73	52216	1.970	ug/l	97
26) Bromochloromethane	4.973	128	10007	1.937	ug/l	96
27) Chloroform	5.089	83	39667	1.959	ug/l	97
28) 1,1,1-Trichloroethane	5.311	97	33703	1.887	ug/l	97
29) 1,1-Dichloropropene	5.520	75	28808	1.806	ug/l	98
30) Carbon Tetrachloride	5.517	117	28805	1.915	ug/l	97
31) Isopropyl Ether	4.002	45	62445	1.769	ug/l	95
32) Ethyl-t-butyl ether	4.517	59	62211	1.862	ug/l	99
33) Tert-Amyl methyl ether	5.954	73	52103	1.794	ug/l	98
34) Propionitrile	4.806	54	10936	11.192	ug/l #	93
35) Benzene	5.771	78	85487	1.881	ug/l	99
36) 1,2-Dichloroethane	5.800	62	25867	2.002	ug/l	100
37) Trichloroethene	6.539	130	21252	1.850	ug/l	95
38) 1,2-Dichloropropane	6.793	63	23457	1.950	ug/l	98
39) Methacrylonitrile	4.993	41	8111	1.937	ug/l	98
40) Methyl acrylate	4.864	55	12705	1.938	ug/l	98
41) Tetrahydrofuran	5.083	42	9354	4.009	ug/l	94
42) 1-Chlorobutane	5.456	56	41712	1.865	ug/l	98
43) Dibromomethane	6.922	93	11684	1.949	ug/l	97
44) Bromodichloromethane	7.108	83	28180	1.961	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
Data File : VU049654.D
Acq On : 07 Jul 2022 15:58
Operator : SY/MD
Sample : VU0707WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

Quant Time: Jul 08 09:11:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	78278	9.620	ug/l		97
46) t-1,4-Dichloro-2-butene	10.828	75	13273m	5.013	ug/l		
47) Methyl methacrylate	6.970	69	22317	3.692	ug/l		94
48) Ethyl methacrylate	8.340	69	21484	1.771	ug/l		99
49) Toluene	7.970	92	49958	1.800	ug/l		98
50) t-1,3-Dichloropropene	8.214	75	25365	1.828	ug/l		100
51) cis-1,3-Dichloropropene	7.610	75	30498	1.854	ug/l		99
52) 1,1,2-Trichloroethane	8.401	97	16417	1.984	ug/l		97
53) 1,3-Dichloropropane	8.578	76	29260	1.970	ug/l		98
54) 2-Hexanone	8.694	43	53942	9.546	ug/l		96
55) Dibromochloromethane	8.812	129	19332	2.045	ug/l		96
56) 1,2-Dibromoethane	8.925	107	15439	1.927	ug/l		99
58) Tetrachloroethene	8.552	164	17825	1.866	ug/l		96
59) Chlorobenzene	9.446	112	52885	1.821	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.536	131	19196	1.859	ug/l		99
61) Pentachloroethane	11.427	117	15555	1.962	ug/l		99
62) Hexachloroethane	12.475	117	14710	1.852	ug/l		97
63) Ethyl Benzene	9.571	91	92746	1.775	ug/l		99
64) m/p-Xylenes	9.693	106	69076	3.573	ug/l		98
65) o-Xylene	10.102	106	33625	1.770	ug/l		99
66) Styrene	10.115	104	55276	1.811	ug/l		99
67) Bromoform	10.291	173	10446	1.937	ug/l		96
69) Isopropylbenzene	10.484	105	89879	1.771	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.783	83	20974	1.951	ug/l		95
71) 1,2,3-Trichloropropane	10.828	75	14692m	1.651	ug/l		
72) Bromobenzene	10.783	156	22077	1.931	ug/l		99
73) n-propylbenzene	10.906	120	23575	1.841	ug/l		99
74) 2-Chlorotoluene	10.986	126	21203	1.857	ug/l		99
75) 1,3,5-Trimethylbenzene	11.086	105	76997	1.815	ug/l		99
76) 4-Chlorotoluene	11.099	126	22865	1.997	ug/l		79
77) tert-Butylbenzene	11.420	119	74662	1.787	ug/l		99
78) 1,2,4-Trimethylbenzene	11.468	105	77422	1.818	ug/l		97
79) sec-Butylbenzene	11.642	105	101589	1.854	ug/l		99
80) Nitrobenzene	13.211	77	4973	11.309	ug/l	#	96
81) p-Isopropyltoluene	11.793	119	81583	1.836	ug/l		100
82) 1,3-Dichlorobenzene	11.745	146	42785	1.934	ug/l		99
83) 1,4-Dichlorobenzene	11.838	146	43429	1.946	ug/l		97
84) n-Butylbenzene	12.208	91	77273	1.867	ug/l		100
85) 1,2-Dichlorobenzene	12.211	146	42348	1.976	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	3929	2.096	ug/l		91
87) 1,2,4-Trichlorobenzene	13.841	180	29700	2.054	ug/l		97
88) Hexachlorobutadiene	14.021	225	15599	2.117	ug/l		99
89) Naphthalene	14.089	128	60487	1.995	ug/l		99
90) 1,2,3-Trichlorobenzene	14.330	180	28267	2.048	ug/l		100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
Data File : VU049654.D
Acq On : 07 Jul 2022 15:58
Operator : SY/MD
Sample : VU0707WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 08 09:11:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022