Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044390.D
Acq On : 22 Jul 2021 14:43
Operator : SY/MD
Sample : M2940-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/28/2021 11:09:15 AM

Quant Time: Jul 23 03:31:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	46021	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	17380	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	18027	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	11130	0.693	ug/l	96
3) Chloromethane	1.523	50	12637	0.723	ug/l	97
4) Vinyl Chloride	1.607	62	12936	0.734	ug/l	96
5) Bromomethane	1.861	94	7343	0.781	ug/l	98
6) Chloroethane	1.938	64	8982	0.837	ug/l	96
7) Trichlorofluoromethane	2.144	101	15375	0.807	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	9384	0.779	ug/l	95
9) 1,1-Dichloroethene	2.588	96	9247	0.787	ug/l	90
10) Iodomethane	2.729	142	11425	0.743	ug/l	89
11) Allyl Chloride	2.932	41	14960	0.773	ug/l	84
12) Acrylonitrile	3.327	53	3379	1.255	ug/l	91
13) Acetone	2.639	43	4889	3.640	ug/l	96
14) Carbon Disulfide	2.800	76	27589	0.709	ug/l	99
15) Methylene Chloride	3.054	84	24789	1.486	ug/l	92
16) trans-1,2-Dichloroethene	3.359	96	9852	0.752	ug/l	94
17) 1,1-Dichloroethane	3.880	63	19626	0.804	ug/l	99
18) 2-Butanone	4.732	43	10307	3.578	ug/l	100
19) Cyclohexane	5.388	56	17655	0.791	ug/l	97
20) Methylcyclohexane	6.764	83	16141	0.693	ug/l	97
21) 2,2-Dichloropropane	4.674	77	16195	0.809	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	11324	0.790	ug/l	93
23) Diethyl Ether	2.382	59	7702	0.781	ug/l	98
24) tert-Butyl Alcohol	3.211	59	3695	6.314	ug/l #	88
25) Methyl tert-Butyl Ether	3.379	73	25801	0.786	ug/l	94
26) Bromochloromethane	4.980	128	4671	0.770	ug/l	95
27) Chloroform	5.099	83	19173	0.811	ug/l	96
28) 1,1,1-Trichloroethane	5.321	97	15275	0.775	ug/l	99
29) 1,1-Dichloropropene	5.530	75	14089	0.753	ug/l	98
30) Carbon Tetrachloride	5.530	117	11564	0.704	ug/l	90
31) Isopropyl Ether	4.012	45	32854	0.809	ug/l	95
32) Ethyl-t-butyl ether	4.520	59	30454	0.760	ug/l	96
33) Tert-Amyl methyl ether	5.961	73	23760	0.667	ug/l	99
34) Propionitrile	4.800	54	2738	3.358	ug/l #	86
35) Benzene	5.780	78	39946	0.734	ug/l	100
36) 1,2-Dichloroethane	5.806	62	11917	0.763	ug/l	100
37) Trichloroethene	6.549	130	10046	0.735	ug/l	95
38) 1,2-Dichloropropane	6.803	63	10413	0.723	ug/l	99
39) Methacrylonitrile	4.996	41	3272	0.704	ug/l #	91
40) Methyl acrylate	4.864	55	5068	0.701	ug/l	96
41) Tetrahydrofuran	5.076	42	2860	1.297	ug/l	97
42) 1-Chlorobutane	5.465	56	19407	0.733	ug/l	92
43) Dibromomethane	6.928	93	5382	0.753	ug/l	94
44) Bromodichloromethane	7.115	83	11837	0.699	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044390.D
Acq On : 22 Jul 2021 14:43
Operator : SY/MD
Sample : M2940-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/28/2021 11:09:15 AM

Quant Time: Jul 23 03:31:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	33226	3.424	ug/l		95
46) t-1,4-Dichloro-2-butene	10.845	75	4027m	0.979	ug/l		
47) Methyl methacrylate	6.980	69	11190	1.417	ug/l	#	89
48) Ethyl methacrylate	8.346	69	10593	0.650	ug/l		94
49) Toluene	7.977	92	23600	0.690	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	11193	0.636	ug/l		97
51) cis-1,3-Dichloropropene	7.616	75	13290	0.640	ug/l		96
52) 1,1,2-Trichloroethane	8.411	97	7693	0.731	ug/l		97
53) 1,3-Dichloropropane	8.584	76	14766	0.764	ug/l		98
54) 2-Hexanone	8.703	43	24000	3.477	ug/l		97
55) Dibromochloromethane	8.819	129	7400	0.649	ug/l		99
56) 1,2-Dibromoethane	8.931	107	7478	0.727	ug/l		99
58) Tetrachloroethene	8.558	164	8809	0.759	ug/l		96
59) Chlorobenzene	9.456	112	24612	0.680	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.542	131	8031	0.666	ug/l		95
61) Pentachloroethane	11.433	117	5940	0.616	ug/l		89
62) Hexachloroethane	12.481	117	6207	0.617	ug/l		88
63) Ethyl Benzene	9.578	91	44540	0.689	ug/l		100
64) m/p-Xylenes	9.700	106	33020	1.336	ug/l		98
65) o-Xylene	10.108	106	16455	0.690	ug/l		99
66) Styrene	10.121	104	27427	0.667	ug/l		96
67) Bromoform	10.301	173	3823	0.599	ug/l	#	97
69) Isopropylbenzene	10.491	105	42266	0.662	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	10180	0.733	ug/l		97
71) 1,2,3-Trichloropropane	10.835	75	8367m	0.703	ug/l		
72) Bromobenzene	10.790	156	10681	0.723	ug/l		95
73) n-propylbenzene	10.912	120	11486	0.668	ug/l		94
74) 2-Chlorotoluene	10.992	126	9946	0.674	ug/l		90
75) 1,3,5-Trimethylbenzene	11.095	105	34869	0.647	ug/l		97
76) 4-Chlorotoluene	11.105	126	10681	0.697	ug/l		95
77) tert-Butylbenzene	11.427	119	34748	0.657	ug/l		96
78) 1,2,4-Trimethylbenzene	11.475	105	36288	0.663	ug/l		98
79) sec-Butylbenzene	11.648	105	49631	0.689	ug/l		98
80) Nitrobenzene	13.221	77	880	2.124	ug/l	#	78
81) p-Isopropyltoluene	11.800	119	40482	0.679	ug/l		97
82) 1,3-Dichlorobenzene	11.751	146	21230	0.724	ug/l		99
83) 1,4-Dichlorobenzene	11.845	146	21441	0.724	ug/l		99
84) n-Butylbenzene	12.214	91	38644	0.662	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	20364	0.716	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1737	0.723	ug/l		86
87) 1,2,4-Trichlorobenzene	13.851	180	13478	0.670	ug/l		94
88) Hexachlorobutadiene	14.028	225	6768	0.695	ug/l		99
89) Naphthalene	14.095	128	24150	0.600	ug/l		99
90) 1,2,3-Trichlorobenzene	14.336	180	11980	0.656	ug/l		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044390.D
Acq On : 22 Jul 2021 14:43
Operator : SY/MD
Sample : M2940-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 03:31:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/28/2021 11:09:15 AM