Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
Data File : VU051443.D
Acq On : 18 Oct 2022 15:49
Operator : JC/MD
Sample : N4955-07 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 19 03:56:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 19 03:54:58 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.112	96	45895	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.632	95	12906	0.802	ug/l		0.00
Spiked Amount 1.000			Recovery =	80.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	14631	0.814	ug/l		0.00
Spiked Amount 1.000			Recovery =	81.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	4052	0.253	ug/l		97
3) Chloromethane	1.533	50	7952	0.315	ug/l		99
4) Vinyl Chloride	1.604	62	5696	0.261	ug/l	#	83
5) Bromomethane	1.854	94	4276	0.351	ug/l		95
6) Chloroethane	1.932	64	3744	0.300	ug/l		92
7) Trichlorofluoromethane	2.137	101	6054	0.248	ug/l		91
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3977	0.295	ug/l		94
9) 1,1-Dichloroethene	2.581	96	4103	0.291	ug/l		84
10) Iodomethane	2.719	142	4948	0.271	ug/l		98
11) Allyl Chloride	2.922	41	5951	0.277	ug/l		85
12) Acrylonitrile	3.317	53	2637	0.636	ug/l	#	80
13) Acetone	2.623	43	5318	1.782	ug/l		91
14) Carbon Disulfide	2.790	76	14463	0.288	ug/l		97
15) Methylene Chloride	3.044	84	13121	0.636	ug/l		97
16) trans-1,2-Dichloroethene	3.346	96	4544	0.281	ug/l		88
17) 1,1-Dichloroethane	3.867	63	7860	0.271	ug/l		94
18) 2-Butanone	4.726	43	4387m	1.211	ug/l		
19) Cyclohexane	5.385	56	3729m	0.207	ug/l		
21) 2,2-Dichloropropane	4.668	77	5856	0.289	ug/l		97
22) cis-1,2-Dichloroethene	4.668	96	4085	0.267	ug/l		99
23) Diethyl Ether	2.379	59	3156	0.257	ug/l		90
24) tert-Butyl Alcohol	3.189	59	5006	3.881	ug/l	#	89
25) Methyl tert-Butyl Ether	3.369	73	10171	0.278	ug/l		99
26) Bromochloromethane	4.973	128	1701	0.228	ug/l		84
27) Chloroform	5.092	83	8456	0.288	ug/l		96
28) 1,1,1-Trichloroethane	5.311	97	6067	0.258	ug/l		96
29) 1,1-Dichloropropene	5.523	75	4024	0.224	ug/l		93
30) Carbon Tetrachloride	5.520	117	5148	0.260	ug/l		93
31) Isopropyl Ether	3.999	45	8597	0.250	ug/l		65
32) Ethyl-t-butyl ether	4.510	59	7341	0.234	ug/l		97
33) Tert-Amyl methyl ether	5.944	73	6049	0.220	ug/l	#	95
34) Propionitrile	4.793	54	1309m	1.075	ug/l		
35) Benzene	5.774	78	15292	0.253	ug/l		93
36) 1,2-Dichloroethane	5.796	62	4906	0.264	ug/l		95
37) Trichloroethene	6.542	130	3518	0.248	ug/l		95
38) 1,2-Dichloropropane	6.790	63	4085	0.247	ug/l	#	87
39) Methacrylonitrile	4.983	41	1057m	0.254	ug/l		
40) Methyl acrylate	4.870	55	1365m	0.206	ug/l		
41) Tetrahydrofuran	5.060	42	1194m	0.546	ug/l		
42) 1-Chlorobutane	5.456	56	5534	0.226	ug/l		98
43) Dibromomethane	6.919	93	2204	0.257	ug/l		97
44) Bromodichloromethane	7.108	83	5257	0.253	ug/l		98
45) 4-Methyl-2-Pentanone	7.796	43	9096	1.112	ug/l		92

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46) t-1,4-Dichloro-2-butene	10.825	75	2408m	0.528	ug/l		
47) Methyl methacrylate	6.967	69	2322	0.354	ug/l		90
49) Toluene	7.970	92	7008	0.212	ug/l		99
50) t-1,3-Dichloropropene	8.214	75	3859	0.231	ug/l		95
51) cis-1,3-Dichloropropene	7.610	75	4584	0.233	ug/l		92
52) 1,1,2-Trichloroethane	8.401	97	3432	0.280	ug/l	#	87
53) 1,3-Dichloropropane	8.574	76	4697	0.238	ug/l		93
54) 2-Hexanone	8.687	43	5474	0.974	ug/l		89
55) Dibromochloromethane	8.809	129	3695	0.277	ug/l		92
56) 1,2-Dibromoethane	8.928	107	2657	0.246	ug/l		95
58) Tetrachloroethene	8.549	164	2868	0.232	ug/l		93
59) Chlorobenzene	9.449	112	7976	0.220	ug/l		93
60) 1,1,1,2-Tetrachloroethane	9.533	131	3699	0.266	ug/l		97
61) Pentachloroethane	11.423	117	3080	0.248	ug/l		92
62) Hexachloroethane	12.471	117	2825	0.240	ug/l		96
64) m/p-Xylenes	9.693	106	7663	0.349	ug/l		97
67) Bromoform	10.288	173	1740	0.232	ug/l	#	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	4427	0.267	ug/l		97
71) 1,2,3-Trichloropropane	10.822	75	3501m	0.284	ug/l		
72) Bromobenzene	10.783	156	3042	0.211	ug/l		94
80) Nitrobenzene	13.214	77	1023	1.246	ug/l	#	73
82) 1,3-Dichlorobenzene	11.748	146	6404	0.206	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	562	0.217	ug/l		94
87) 1,2,4-Trichlorobenzene	13.841	180	3670	0.222	ug/l		97
88) Hexachlorobutadiene	14.018	225	2525	0.234	ug/l		89

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

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