Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
Data File : VU044402.D
Acq On : 09 Aug 2021 14:06
Operator : SY/MD
Sample : M3263-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 10 02:38:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 10 02:08:42 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations APPROVED
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8/10/2021 11:44:28 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	159510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	159256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48476	3.637	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.800%			
7) Chloroethane-d5	1.916	69	58597	5.121	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.400%			
11) 1,1-Dichloroethene-d2	2.568	65	23176	4.128	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.600%			
20) 2-Butanone-d5	4.639	46	139506	35.300	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.600%			
24) Chloroform-d	5.070	84	112178	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.710	65	59431	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.735	84	234839	4.706	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.697	67	72925	4.703	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.906	98	205343	4.597	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
43) trans-1,3-Dichloroprop...	8.189	79	21853	3.620	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.400%			
46) 2-Hexanone-d5	8.642	63	122511	33.613	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.220%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	56202	4.053	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	12.201	152	78628	5.206	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2963	0.207	ug/L #	87
3) Chloromethane	1.520	50	3581	0.233	ug/L	95
5) Vinyl chloride	1.604	62	3560	0.221	ug/L #	51
6) Bromomethane	1.858	94	2031	0.224	ug/L	94
8) Chloroethane	1.935	64	2136m	0.229	ug/L	
9) Trichlorofluoromethane	2.141	101	3990	0.225	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3275	0.306	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	2488	0.237	ug/L #	1
13) Acetone	2.645	43	3195	1.698	ug/L	93
14) Carbon disulfide	2.793	76	5510	0.161	ug/L	96
15) Methyl Acetate	2.970	43	829	0.193	ug/L #	90
16) Methylene chloride	3.051	84	11887	0.851	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	5460	0.190	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	2405	0.215	ug/L	82
19) 1,1-Dichloroethane	3.877	63	4173	0.207	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	2805	0.229	ug/L	91
23) Bromochloromethane	4.983	128	1066	0.201	ug/L #	78
25) Chloroform	5.099	83	6298	0.303	ug/L	95
27) 1,2-Dichloroethane	5.800	62	2942	0.216	ug/L	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29)	1,1,1-Trichloroethane	5.324	97	3585	0.207	ug/L		98
30)	Cyclohexane	5.398	56	3345	0.166	ug/L		88
31)	Carbon tetrachloride	5.533	117	3118	0.216	ug/L		98
33)	Benzene	5.780	78	10384	0.214	ug/L		100
34)	Trichloroethene	6.549	95	2437	0.201	ug/L		83
35)	Methylcyclohexane	6.771	83	4067	0.192	ug/L		94
37)	1,2-Dichloropropane	6.800	63	2338	0.189	ug/L	#	93
38)	Bromodichloromethane	7.115	83	3431	0.229	ug/L		92
39)	cis-1,3-Dichloropropene	7.613	75	3394	0.189	ug/L		100
40)	4-Methyl-2-pentanone	7.803	43	13806	1.593	ug/L	#	88
42)	Toluene	7.976	91	13122	0.259	ug/L		98
44)	trans-1,3-Dichloropropene	8.218	75	3833	0.251	ug/L		87
45)	1,1,2-Trichloroethane	8.410	97	1878	0.205	ug/L		88
47)	Tetrachloroethene	8.562	164	2026	0.228	ug/L		92
48)	2-Hexanone	8.697	43	14278	2.279	ug/L		99
49)	Dibromochloromethane	8.816	129	2113	0.216	ug/L		86
50)	1,2-Dibromoethane	8.931	107	1701	0.191	ug/L	#	97
51)	Chlorobenzene	9.452	112	7104	0.226	ug/L		94
52)	Ethylbenzene	9.574	91	11021	0.204	ug/L		99
53)	m,p-Xylene	9.700	106	4095	0.196	ug/L		85
54)	o-Xylene	10.108	106	4021	0.198	ug/L		100
55)	Styrene	10.121	104	6429	0.185	ug/L		98
57)	1,1,2,2-Tetrachloroethane	10.790	83	2456	0.204	ug/L	#	82
59)	Bromoform	10.298	173	986	0.198	ug/L	#	97
60)	Isopropylbenzene	10.491	105	10699	0.213	ug/L		99
61)	1,2,3-Trichloropropane	10.828	75	1626	0.193	ug/L		100
62)	1,3,5-Trimethylbenzene	11.095	105	8230	0.196	ug/L		99
63)	1,2,4-Trimethylbenzene	11.475	105	8481	0.197	ug/L		99
64)	1,3-Dichlorobenzene	11.754	146	5450	0.237	ug/L		95
65)	1,4-Dichlorobenzene	11.841	146	5514	0.235	ug/L		99
67)	1,2-Dichlorobenzene	12.221	146	5174	0.234	ug/L		98
69)	1,3,5-Trichlorobenzene	13.227	180	4252	0.248	ug/L		96
70)	1,2,4-trichlorobenzene	13.851	180	3142	0.216	ug/L		93
71)	Naphthalene	14.095	128	5411	0.190	ug/L	#	91
72)	1,2,3-Trichlorobenzene	14.339	180	3121	0.237	ug/L		93

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

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