Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082155.D
Acq On : 16 May 2024 12:31
Operator : JC\MD
Sample : P2403-09 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 17 04:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
Supervised By :Semsettin Yesilyurt 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	204161	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	352748	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	299630	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118427	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65	156178	48.446	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.900%			
35) Dibromofluoromethane	8.165	113	102582	47.274	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%			
50) Toluene-d8	10.565	98	385067	46.285	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.580%			
62) 4-Bromofluorobenzene	12.847	95	121347	40.866	ug/l		0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	81.740%			
Target Compounds							Qvalue
3) Chloromethane	2.365	50	814	0.244	ug/l		98
5) Bromomethane	2.983	94	983	0.545	ug/l	#	64
11) Tert butyl alcohol	5.518	59	129	0.249	ug/l	#	71
13) Acrolein	4.177	56	203	0.529	ug/l	#	50
14) Allyl chloride	5.018	41	994	0.208	ug/l	#	48
15) Acrylonitrile	5.724	53	933	0.696	ug/l	#	20
16) Acetone	4.430	43	1352	1.022	ug/l	#	43
17) Carbon Disulfide	4.712	76	1942	0.270	ug/l	#	74
23) Vinyl Acetate	6.606	43	6572m	0.836	ug/l		
25) 2-Butanone	7.483	43	1637	0.816	ug/l	#	43
28) Bromochloromethane	7.812	49	520	0.217	ug/l	#	10
29) Tetrahydrofuran	7.859	42	878	0.682	ug/l	#	73
31) Cyclohexane	8.230	56	7335	1.425	ug/l	#	59
42) 1,2-Dichloroethane	8.671	62	956	0.229	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.447	43	3530	0.861	ug/l	#	78
58) 2-Chloroethyl Vinyl ether	10.165	63	1132	0.546	ug/l	#	67
59) 2-Hexanone	11.194	43	2401	0.800	ug/l		77
65) Chlorobenzene	11.888	112	1577	0.238	ug/l	#	43
68) m/p-Xylenes	12.071	106	1442	0.332	ug/l		92
76) 1,2,3-Trichloropropane	13.000	75	538m	0.216	ug/l		
79) 2-Chlorotoluene	13.129	91	1524m	0.218	ug/l		
84) 1,2,4-Trimethylbenzene	13.488	105	1579	0.203	ug/l		84
87) 1,3-Dichlorobenzene	13.735	146	1008	0.248	ug/l		78
88) 1,4-Dichlorobenzene	13.817	146	1003m	0.242	ug/l		
91) 1,2-Dichlorobenzene	14.112	146	849	0.221	ug/l		87
95) Naphthalene	15.635	128	1400	0.207	ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.841	180	496	0.230	ug/l	#	57

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

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