Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036422.D
Acq On : 11 Feb 2025 13:36
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 0.1 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

Quant Time: Feb 11 14:11:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2057	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	4971	0.400	ng		0.01
13) Acenaphthene-d10	14.387	164	3238	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	7390	0.400	ng		0.00
29) Chrysene-d12	21.322	240	6557	0.400	ng		0.00
35) Perylene-d12	23.598	264	6846	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1793	0.369	ng		0.00
5) Phenol-d6	6.930	99	1956	0.343	ng		0.00
8) Nitrobenzene-d5	8.907	82	1513	0.308	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	4060	0.531	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	536	0.334	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	3669	0.301	ng		0.00
27) Fluoranthene-d10	19.169	212	11209	0.545	ng		0.00
31) Terphenyl-d14	19.768	244	5315	0.380	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.175	93	573	0.096	ng		99
9) Naphthalene	10.594	128	1447	0.101	ng	#	89
10) Hexachlorobutadiene	10.882	225	361	0.103	ng	#	100
12) 2-Methylnaphthalene	12.217	142	909	0.097	ng		96
16) Acenaphthylene	14.110	152	1462	0.102	ng		100
17) Acenaphthene	14.452	154	947	0.099	ng		98
18) Fluorene	15.446	166	1335	0.098	ng		99
21) 4-Bromophenyl-phenylether	16.342	248	445	0.101	ng		92
22) Hexachlorobenzene	16.453	284	578	0.106	ng		99
23) Atrazine	16.615	200	395	0.107	ng	#	84
25) Phenanthrene	17.186	178	2204	0.103	ng		98
26) Anthracene	17.273	178	1994	0.106	ng		99
28) Fluoranthene	19.201	202	2767	0.105	ng		98
30) Pyrene	19.564	202	2809	0.111	ng		99
32) Benzo(a)anthracene	21.313	228	2324	0.108	ng		96
33) Chrysene	21.366	228	2750	0.118	ng		97
36) Indeno(1,2,3-cd)pyrene	25.905	276	2837	0.119	ng		96
37) Benzo(b)fluoranthene	22.917	252	2512	0.111	ng	#	61
38) Benzo(k)fluoranthene	22.961	252	2650	0.114	ng	#	70
39) Benzo(a)pyrene	23.499	252	2227	0.113	ng	#	44
40) Dibenzo(a,h)anthracene	25.925	278	2025	0.107	ng	#	72
41) Benzo(g,h,i)perylene	26.607	276	2406	0.112	ng	#	89

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

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