Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023668.D
Acq On : 16 Jan 2023 17:11
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER 0.1ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2023
Supervised By :mohammad ahmed 01/19/2023

Quant Time: Jan 17 04:34:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	5122	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	14815	0.400	ng		0.01
13) Acenaphthene-d10	14.602	164	7793	0.400	ng		0.01
19) Phenanthrene-d10	17.340	188	16142	0.400	ng		0.00
29) Chrysene-d12	21.540	240	11987	0.400	ng		0.00
35) Perylene-d12	23.970	264	8573	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	2922	0.287	ng		0.00
5) Phenol-d6	7.111	99	3743	0.286	ng		0.00
8) Nitrobenzene-d5	9.110	82	3091	0.277	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	8953	0.438	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	844	0.250	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	9420	0.299	ng		0.00
27) Fluoranthene-d10	19.380	212	16845	0.426	ng		0.00
31) Terphenyl-d14	19.975	244	9955	0.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	539	0.117	ng		91
3) n-Nitrosodimethylamine	3.687	42	435	0.084	ng		94
6) bis(2-Chloroethyl)ether	7.370	93	1542	0.112	ng		99
9) Naphthalene	10.808	128	4150	0.106	ng		96
10) Hexachlorobutadiene	11.096	225	853	0.108	ng	#	99
12) 2-Methylnaphthalene	12.424	142	3242	0.115	ng		98
16) Acenaphthylene	14.313	152	2949	0.094	ng		100
17) Acenaphthene	14.656	154	2304	0.100	ng		99
18) Fluorene	15.650	166	2957	0.096	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	139	0.079	ng	#	1
21) 4-Bromophenyl-phenylether	16.533	248	927	0.101	ng	#	89
22) Hexachlorobenzene	16.657	284	1285	0.112	ng		99
23) Atrazine	16.806	200	610	0.096	ng	#	93
24) Pentachlorophenol	17.005	266	349	0.088	ng		98
25) Phenanthrene	17.390	178	4705	0.100	ng		99
26) Anthracene	17.476	178	3563	0.094	ng		99
28) Fluoranthene	19.410	202	5055	0.095	ng		99
30) Pyrene	19.772	202	4808	0.105	ng		100
32) Benzo(a)anthracene	21.522	228	3783	0.098	ng		97
33) Chrysene	21.576	228	4524	0.106	ng		99
34) Bis(2-ethylhexyl)phtha...	21.441	149	6572	0.363	ng		99
36) Indeno(1,2,3-cd)pyrene	26.502	276	3749	0.097	ng		98
37) Benzo(b)fluoranthene	23.224	252	4069	0.111	ng	#	74
38) Benzo(k)fluoranthene	23.274	252	3898m	0.109	ng		
39) Benzo(a)pyrene	23.859	252	3338	0.121	ng	#	60
40) Dibenzo(a,h)anthracene	26.522	278	2947	0.096	ng	#	82
41) Benzo(g,h,i)perylene	27.279	276	3259	0.104	ng		91

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

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