Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033354.D
Acq On : 12 Aug 2024 16:36
Operator : MA/JU
Sample : P3390-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 17:09:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.580	152	4872	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	13474	0.400	ng		0.00
13) Acenaphthene-d10	14.208	164	7681	0.400	ng		0.00
19) Phenanthrene-d10	16.952	188	18979	0.400	ng	#	0.00
29) Chrysene-d12	21.169	240	15214	0.400	ng	#	0.00
35) Perylene-d12	23.349	264	15619	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.196	112	4028	0.299	ng		0.00
5) Phenol-d6	6.749	99	5895	0.324	ng		0.00
8) Nitrobenzene-d5	8.704	82	3644	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.939	152	11149	0.538	ng		0.00
14) 2,4,6-Tribromophenol	15.699	330	1127	0.286	ng		0.00
15) 2-Fluorobiphenyl	12.829	172	11382	0.361	ng		0.00
27) Fluoranthene-d10	19.001	212	28267	0.557	ng		0.00
31) Terphenyl-d14	19.619	244	10551	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1176m	0.217	ng		
3) n-Nitrosodimethylamine	3.492	42	1557	0.223	ng	#	89
6) bis(2-Chloroethyl)ether	7.009	93	3283	0.223	ng		98
9) Naphthalene	10.391	128	8165	0.220	ng		99
10) Hexachlorobutadiene	10.690	225	1550	0.219	ng	#	100
12) 2-Methylnaphthalene	12.011	142	5343	0.213	ng		97
16) Acenaphthylene	13.920	152	7722	0.215	ng		100
17) Acenaphthene	14.272	154	5245	0.213	ng		97
18) Fluorene	15.267	166	6921	0.213	ng		99
20) 4,6-Dinitro-2-methylph...	15.341	198	409	0.178	ng	#	62
21) 4-Bromophenyl-phenylether	16.170	248	2319	0.204	ng	#	71
22) Hexachlorobenzene	16.270	284	2686	0.211	ng		96
23) Atrazine	16.443	200	1603	0.178	ng	#	97
24) Pentachlorophenol	16.617	266	1035	0.201	ng		98
25) Phenanthrene	17.002	178	12025	0.219	ng		99
26) Anthracene	17.089	178	10408	0.214	ng		99
28) Fluoranthene	19.029	202	13637	0.202	ng		99
30) Pyrene	19.391	202	13426	0.222	ng		100
32) Benzo(a)anthracene	21.151	228	11619	0.204	ng		99
33) Chrysene	21.205	228	12886	0.225	ng		99
34) Bis(2-ethylhexyl)phtha...	21.124	149	4932	0.191	ng		100
36) Indeno(1,2,3-cd)pyrene	25.519	276	11024	0.171	ng		97
37) Benzo(b)fluoranthene	22.700	252	11545	0.196	ng		96
38) Benzo(k)fluoranthene	22.744	252	12809m	0.213	ng		
39) Benzo(a)pyrene	23.250	252	8981	0.181	ng	#	93
40) Dibenzo(a,h)anthracene	25.542	278	8665	0.170	ng		93
41) Benzo(g,h,i)perylene	26.177	276	9739	0.172	ng		96

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

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