Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
Data File : BN033768.D
Acq On : 05 Sep 2024 14:46
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-0.2ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 15:53:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	7109	0.400	ng		0.00
7) Naphthalene-d8	10.271	136	18635	0.400	ng		0.00
13) Acenaphthene-d10	14.145	164	8550	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	16766	0.400	ng		0.00
29) Chrysene-d12	21.112	240	13020	0.400	ng		0.00
35) Perylene-d12	23.273	264	13854	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6573	0.302	ng		0.00
5) Phenol-d6	6.707	99	8466	0.329	ng		0.00
8) Nitrobenzene-d5	8.648	82	5660	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	14426	0.548	ng		0.00
14) 2,4,6-Tribromophenol	15.650	330	1231	0.285	ng		0.00
15) 2-Fluorobiphenyl	12.766	172	12790	0.359	ng		0.00
27) Fluoranthene-d10	18.947	212	23348	0.564	ng		0.00
31) Terphenyl-d14	19.560	244	9659	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	1853	0.229	ng		98
3) n-Nitrosodimethylamine	3.464	42	1946	0.205	ng		100
6) bis(2-Chloroethyl)ether	6.952	93	4501	0.232	ng		100
9) Naphthalene	10.325	128	10802	0.217	ng		99
10) Hexachlorobutadiene	10.613	225	2141	0.207	ng	#	100
12) 2-Methylnaphthalene	11.944	142	6563	0.215	ng		98
16) Acenaphthylene	13.868	152	7691	0.208	ng		100
17) Acenaphthene	14.210	154	5401	0.213	ng		99
18) Fluorene	15.204	166	6492	0.208	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	411	0.155	ng	#	89
21) 4-Bromophenyl-phenylether	16.110	248	1978	0.204	ng		97
22) Hexachlorobenzene	16.209	284	2299	0.206	ng		98
23) Atrazine	16.395	200	1516	0.195	ng		99
24) Pentachlorophenol	16.557	266	944	0.207	ng		99
25) Phenanthrene	16.941	178	10017	0.217	ng		100
26) Anthracene	17.028	178	8331	0.207	ng		100
28) Fluoranthene	18.974	202	10407	0.201	ng		100
30) Pyrene	19.341	202	10525	0.201	ng		99
32) Benzo(a)anthracene	21.103	228	9745	0.210	ng		99
33) Chrysene	21.148	228	9755	0.212	ng		100
34) Bis(2-ethylhexyl)phtha...	21.058	149	5217	0.206	ng		100
36) Indeno(1,2,3-cd)pyrene	25.402	276	12722	0.222	ng		98
37) Benzo(b)fluoranthene	22.633	252	10213	0.201	ng		97
38) Benzo(k)fluoranthene	22.674	252	11075m	0.223	ng		
39) Benzo(a)pyrene	23.177	252	8725	0.205	ng		97
40) Dibenzo(a,h)anthracene	25.416	278	9973	0.217	ng		99
41) Benzo(g,h,i)perylene	26.048	276	10240	0.206	ng		99

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

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