Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
Data File : BN033770.D
Acq On : 05 Sep 2024 15:59
Operator : MA/JU
Sample : P2403-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations APPROVED

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

Quant Time: Sep 05 16:35:43 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	7377	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	19630	0.400	ng		0.00
13) Acenaphthene-d10	14.146	164	9241	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	18550	0.400	ng		0.00
29) Chrysene-d12	21.112	240	14606	0.400	ng	#	0.00
35) Perylene-d12	23.265	264	15583	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6896	0.305	ng		0.00
5) Phenol-d6	6.707	99	8953	0.335	ng		0.00
8) Nitrobenzene-d5	8.649	82	5984	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	15411	0.555	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1389	0.298	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	13642	0.354	ng		0.00
27) Fluoranthene-d10	18.942	212	26089	0.570	ng		0.00
31) Terphenyl-d14	19.560	244	10896	0.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2017	0.240	ng		96
3) n-Nitrosodimethylamine	3.464	42	2097	0.213	ng		96
6) bis(2-Chloroethyl)ether	6.953	93	4708	0.233	ng		99
9) Naphthalene	10.325	128	11370	0.217	ng		99
10) Hexachlorobutadiene	10.613	225	2275	0.208	ng	#	100
12) 2-Methylnaphthalene	11.945	142	6955	0.216	ng		98
16) Acenaphthylene	13.868	152	8269	0.207	ng		99
17) Acenaphthene	14.210	154	5872	0.214	ng		100
18) Fluorene	15.204	166	7012	0.208	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	464	0.158	ng		91
21) 4-Bromophenyl-phenylether	16.110	248	2183	0.203	ng		95
22) Hexachlorobenzene	16.209	284	2517	0.204	ng		97
23) Atrazine	16.395	200	1703	0.198	ng		98
24) Pentachlorophenol	16.557	266	1060	0.210	ng		97
25) Phenanthrene	16.942	178	11077	0.217	ng		100
26) Anthracene	17.029	178	9379	0.211	ng		100
28) Fluoranthene	18.975	202	11756	0.205	ng		100
30) Pyrene	19.337	202	11754	0.200	ng		100
32) Benzo(a)anthracene	21.094	228	10817	0.207	ng		98
33) Chrysene	21.148	228	11105	0.215	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	6098	0.214	ng		99
36) Indeno(1,2,3-cd)pyrene	25.396	276	14276	0.222	ng		97
37) Benzo(b)fluoranthene	22.627	252	11411	0.199	ng		99
38) Benzo(k)fluoranthene	22.668	252	12456m	0.223	ng		
39) Benzo(a)pyrene	23.171	252	9764	0.204	ng		99
40) Dibenzo(a,h)anthracene	25.414	278	11357	0.220	ng		99
41) Benzo(g,h,i)perylene	26.045	276	11453	0.205	ng		99

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

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