Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034880.D
Acq On : 06 Nov 2024 19:15
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-0.2 ng
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 07 00:42:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5121	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	14525	0.400	ng		-0.01
13) Acenaphthene-d10	14.211	164	6468	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	12466	0.400	ng		-0.01
29) Chrysene-d12	21.142	240	7925	0.400	ng		#-0.02
35) Perylene-d12	23.314	264	7114	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	4852	0.313	ng		-0.01
5) Phenol-d6	6.759	99	6427	0.319	ng		0.00
8) Nitrobenzene-d5	8.717	82	4244	0.372	ng		-0.01
11) 2-Methylnaphthalene-d10	11.935	152	10663	0.507	ng		-0.02
14) 2,4,6-Tribromophenol	15.704	330	459	0.144	ng		-0.01
15) 2-Fluorobiphenyl	12.832	172	9530	0.374	ng		-0.01
27) Fluoranthene-d10	18.992	212	16479	0.564	ng		0.00
31) Terphenyl-d14	19.600	244	5446	0.320	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1428m	0.254	ng		
3) n-Nitrosodimethylamine	3.487	42	1657m	0.262	ng		
6) bis(2-Chloroethyl)ether	7.012	93	3651	0.248	ng		94
9) Naphthalene	10.394	128	8795	0.219	ng		99
10) Hexachlorobutadiene	10.692	225	1366	0.206	ng	#	99
12) 2-Methylnaphthalene	12.011	142	5094	0.194	ng		98
16) Acenaphthylene	13.923	152	6470	0.199	ng		99
17) Acenaphthene	14.276	154	4277	0.198	ng		92
18) Fluorene	15.259	166	5292	0.196	ng		97
20) 4,6-Dinitro-2-methylph...	15.345	198	164	0.249	ng	#	1
21) 4-Bromophenyl-phenylether	16.163	248	1360	0.189	ng		97
22) Hexachlorobenzene	16.262	284	1657	0.205	ng		92
23) Atrazine	16.436	200	983	0.158	ng		95
24) Pentachlorophenol	16.610	266	537	0.154	ng		96
25) Phenanthrene	16.994	178	8178	0.223	ng		99
26) Anthracene	17.081	178	7095	0.207	ng		99
28) Fluoranthene	19.020	202	8266	0.205	ng		97
30) Pyrene	19.382	202	8177	0.197	ng		100
32) Benzo(a)anthracene	21.133	228	6544	0.207	ng		99
33) Chrysene	21.178	228	7088	0.229	ng		99
34) Bis(2-ethylhexyl)phtha...	21.089	149	3839m	0.146	ng		
36) Indeno(1,2,3-cd)pyrene	25.472	276	6868	0.262	ng	#	91
37) Benzo(b)fluoranthene	22.671	252	6793	0.237	ng	#	84
38) Benzo(k)fluoranthene	22.712	252	6773	0.242	ng	#	86
39) Benzo(a)pyrene	23.221	252	5229	0.221	ng	#	78
40) Dibenzo(a,h)anthracene	25.487	278	5350	0.262	ng		92
41) Benzo(g,h,i)perylene	26.127	276	6041	0.274	ng	#	91

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

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