Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033363.D
Acq On : 13 Aug 2024 13:03
Operator : MA/JU
Sample : P3390-09
Misc : MDL-MDL-WATER-0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Quant Time: Aug 13 13:50:04 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	7.573	152	5623	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	15598	0.400	ng	#	0.00
13) Acenaphthene-d10	14.212	164	8913	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	21603	0.400	ng	#	0.00
29) Chrysene-d12	21.165	240	16734	0.400	ng		0.00
35) Perylene-d12	23.346	264	17983	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.196	112	4627	0.298	ng		0.00
5) Phenol-d6	6.749	99	6789	0.324	ng		0.00
8) Nitrobenzene-d5	8.704	82	4340	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	11.936	152	13102	0.546	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	1276	0.279	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	13405	0.367	ng		0.00
27) Fluoranthene-d10	18.997	212	31965	0.554	ng		0.00
31) Terphenyl-d14	19.615	244	11923	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1501	0.240	ng		95
3) n-Nitrosodimethylamine	3.492	42	1848	0.230	ng	#	86
6) bis(2-Chloroethyl)ether	7.009	93	3852	0.227	ng		97
9) Naphthalene	10.391	128	9580	0.223	ng		99
10) Hexachlorobutadiene	10.690	225	1798	0.219	ng	#	99
12) 2-Methylnaphthalene	12.011	142	6296	0.217	ng		98
16) Acenaphthylene	13.924	152	8997	0.216	ng		100
17) Acenaphthene	14.276	154	6187	0.217	ng		98
18) Fluorene	15.260	166	8105	0.215	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	471	0.180	ng	#	55
21) 4-Bromophenyl-phenylether	16.164	248	2604	0.201	ng	#	84
22) Hexachlorobenzene	16.263	284	3054	0.211	ng		94
23) Atrazine	16.437	200	1857	0.181	ng	#	91
24) Pentachlorophenol	16.610	266	1065	0.182	ng		98
25) Phenanthrene	16.995	178	14014	0.225	ng		100
26) Anthracene	17.082	178	11833	0.214	ng		100
28) Fluoranthene	19.030	202	15697	0.204	ng		99
30) Pyrene	19.392	202	15253	0.229	ng		99
32) Benzo(a)anthracene	21.148	228	12856	0.206	ng		98
33) Chrysene	21.201	228	14119	0.224	ng		100
34) Bis(2-ethylhexyl)phtha...	21.121	149	6119	0.215	ng		99
36) Indeno(1,2,3-cd)pyrene	25.515	276	12754	0.172	ng		94
37) Benzo(b)fluoranthene	22.700	252	13028	0.193	ng		97
38) Benzo(k)fluoranthene	22.744	252	13776	0.199	ng		96
39) Benzo(a)pyrene	23.249	252	9924	0.174	ng	#	93
40) Dibenzo(a,h)anthracene	25.539	278	10389	0.177	ng		94
41) Benzo(g,h,i)perylene	26.173	276	11011	0.169	ng		95

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

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