Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032271.D
Acq On : 26 Jun 2024 12:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 26 12:52:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.624	152	9715	0.400	ng		-0.02
7) Naphthalene-d8	10.400	136	28110	0.400	ng		-0.02
13) Acenaphthene-d10	14.263	164	15868	0.400	ng		-0.02
19) Phenanthrene-d10	17.028	188	32788	0.400	ng		0.00
29) Chrysene-d12	21.229	240	29551	0.400	ng		# 0.00
35) Perylene-d12	23.458	264	32848	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.234	112	9419	0.341	ng		-0.01
5) Phenol-d6	6.815	99	11069	0.306	ng		-0.01
8) Nitrobenzene-d5	8.787	82	7891	0.338	ng		-0.01
11) 2-Methylnaphthalene-d10	12.001	152	14822	0.331	ng		-0.02
14) 2,4,6-Tribromophenol	15.775	330	2382	0.313	ng		-0.01
15) 2-Fluorobiphenyl	12.884	172	22533	0.374	ng		-0.02
27) Fluoranthene-d10	19.063	212	31490	0.353	ng		0.00
31) Terphenyl-d14	19.667	244	23717	0.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	4253	0.357	ng		97
3) n-Nitrosodimethylamine	3.508	42	3638	0.322	ng		100
6) bis(2-Chloroethyl)ether	7.061	93	8941	0.287	ng		96
9) Naphthalene	10.453	128	27331	0.361	ng		99
10) Hexachlorobutadiene	10.720	225	5562	0.420	ng	#	99
12) 2-Methylnaphthalene	12.077	142	17553	0.339	ng		99
16) Acenaphthylene	13.985	152	23757	0.325	ng		100
17) Acenaphthene	14.327	154	16742	0.356	ng		100
18) Fluorene	15.322	166	21060	0.335	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	903	0.306	ng	#	46
21) 4-Bromophenyl-phenylether	16.222	248	6840	0.368	ng		97
22) Hexachlorobenzene	16.321	284	7941	0.412	ng		96
23) Atrazine	16.495	200	5050	0.296	ng		96
24) Pentachlorophenol	16.693	266	2518	0.376	ng		98
25) Phenanthrene	17.066	178	33830	0.372	ng		100
26) Anthracene	17.165	178	28822	0.341	ng		100
28) Fluoranthene	19.096	202	40261	0.365	ng		99
30) Pyrene	19.458	202	41898	0.357	ng		100
32) Benzo(a)anthracene	21.211	228	38844	0.349	ng		99
33) Chrysene	21.265	228	39842	0.379	ng		99
34) Bis(2-ethylhexyl)phtha...	21.139	149	20707	0.273	ng		99
36) Indeno(1,2,3-cd)pyrene	25.700	276	50965	0.416	ng		99
37) Benzo(b)fluoranthene	22.785	252	44698	0.373	ng		99
38) Benzo(k)fluoranthene	22.829	252	44395	0.392	ng		100
39) Benzo(a)pyrene	23.358	252	38896	0.377	ng		98
40) Dibenzo(a,h)anthracene	25.712	278	40640	0.421	ng		98
41) Benzo(g,h,i)perylene	26.390	276	43264	0.417	ng		99

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

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