Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
Data File : BN032729.D
Acq On : 15 Jul 2024 17:58
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 15 18:31:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	3682	0.400	ng		-0.01
7) Naphthalene-d8	10.336	136	10981	0.400	ng		-0.02
13) Acenaphthene-d10	14.199	164	6158	0.400	ng		-0.01
19) Phenanthrene-d10	16.967	188	11354	0.400	ng		-0.01
29) Chrysene-d12	21.184	240	10208	0.400	ng		0.00
35) Perylene-d12	23.382	264	12291	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.191	112	3768	0.405	ng		0.00
5) Phenol-d6	6.801	99	4589	0.397	ng		0.00
8) Nitrobenzene-d5	8.766	82	3120	0.377	ng		-0.01
11) 2-Methylnaphthalene-d10	11.941	152	6158	0.367	ng		-0.02
14) 2,4,6-Tribromophenol	15.738	330	878	0.334	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	9315	0.406	ng		-0.02
27) Fluoranthene-d10	19.007	212	11791	0.401	ng		-0.01
31) Terphenyl-d14	19.616	244	7566	0.362	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.132	88	1837	0.403	ng	#	93
3) n-Nitrosodimethylamine	3.472	42	1434	0.372	ng		100
6) bis(2-Chloroethyl)ether	7.018	93	2992	0.309	ng		90
9) Naphthalene	10.378	128	12087	0.397	ng		99
10) Hexachlorobutadiene	10.624	225	2430	0.418	ng	#	99
12) 2-Methylnaphthalene	12.021	142	7129	0.359	ng		98
16) Acenaphthylene	13.921	152	9732	0.388	ng		100
17) Acenaphthene	14.264	154	6888	0.388	ng		99
18) Fluorene	15.269	166	8550	0.360	ng		99
20) 4,6-Dinitro-2-methylph...	15.482	198	72	0.322	ng	#	1
21) 4-Bromophenyl-phenylether	16.160	248	2619	0.393	ng		97
22) Hexachlorobenzene	16.259	284	2994	0.401	ng		100
23) Atrazine	16.445	200	1877	0.382	ng		95
24) Pentachlorophenol	16.644	266	965	0.348	ng		98
25) Phenanthrene	17.004	178	11813	0.381	ng		99
26) Anthracene	17.103	178	8964	0.351	ng		99
28) Fluoranthene	19.040	202	14765	0.393	ng		100
30) Pyrene	19.407	202	15597	0.374	ng		100
32) Benzo(a)anthracene	21.166	228	12341	0.382	ng		99
33) Chrysene	21.220	228	15848	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	8534	0.478	ng		99
36) Indeno(1,2,3-cd)pyrene	25.595	276	19856	0.410	ng		99
37) Benzo(b)fluoranthene	22.721	252	15347	0.358	ng		96
38) Benzo(k)fluoranthene	22.765	252	17628	0.360	ng		97
39) Benzo(a)pyrene	23.288	252	14616	0.379	ng		98
40) Dibenzo(a,h)anthracene	25.601	278	15596	0.408	ng		99
41) Benzo(g,h,i)perylene	26.276	276	17355	0.409	ng		98

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

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