Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035895.D
Acq On : 06 Jan 2025 13:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 06 14:33:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	1334	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	2578	0.400	ng		0.00
13) Acenaphthene-d10	14.469	164	1280	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	2550	0.400	ng		0.00
29) Chrysene-d12	21.384	240	2112	0.400	ng		0.00
35) Perylene-d12	23.689	264	2327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.405	112	1252	0.383	ng		0.00
5) Phenol-d6	6.979	99	1507	0.371	ng		0.00
8) Nitrobenzene-d5	8.977	82	834	0.409	ng		0.00
11) 2-Methylnaphthalene-d10	12.218	152	1321	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	284	0.462	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	2272	0.405	ng		0.00
27) Fluoranthene-d10	19.234	212	2419	0.382	ng		0.00
31) Terphenyl-d14	19.838	244	1607	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	518	0.391	ng		97
3) n-Nitrosodimethylamine	3.628	42	944	0.408	ng		100
6) bis(2-Chloroethyl)ether	7.254	93	1218	0.393	ng		98
9) Naphthalene	10.675	128	2879	0.398	ng		99
10) Hexachlorobutadiene	10.974	225	947	0.403	ng	#	99
12) 2-Methylnaphthalene	12.289	142	1744	0.389	ng		99
16) Acenaphthylene	14.180	152	2359	0.391	ng		99
17) Acenaphthene	14.522	154	1600	0.405	ng		98
18) Fluorene	15.506	166	1737	0.399	ng		98
20) 4,6-Dinitro-2-methylph...	15.568	198	196	0.443	ng		96
21) 4-Bromophenyl-phenylether	16.399	248	702	0.402	ng		93
22) Hexachlorobenzene	16.523	284	941	0.395	ng		98
23) Atrazine	16.672	200	459	0.391	ng	#	90
24) Pentachlorophenol	16.858	266	346	0.410	ng		97
25) Phenanthrene	17.243	178	2887	0.388	ng		99
26) Anthracene	17.330	178	2567	0.379	ng		98
28) Fluoranthene	19.267	202	3336	0.385	ng		99
30) Pyrene	19.624	202	3420	0.399	ng		100
32) Benzo(a)anthracene	21.366	228	2897	0.389	ng		98
33) Chrysene	21.420	228	3064	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1275	0.421	ng		98
36) Indeno(1,2,3-cd)pyrene	26.045	276	3430	0.374	ng		99
37) Benzo(b)fluoranthene	22.993	252	3156	0.395	ng		98
38) Benzo(k)fluoranthene	23.040	252	3025	0.382	ng		99
39) Benzo(a)pyrene	23.589	252	2610	0.377	ng		99
40) Dibenzo(a,h)anthracene	26.063	278	2689	0.368	ng		98
41) Benzo(g,h,i)perylene	26.765	276	3048	0.373	ng		98

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

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