Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029827.D
Acq On : 16 Feb 2024 15:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 16 23:56:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5623	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	15707	0.400	ng	#	0.00
13) Acenaphthene-d10	14.511	164	7806	0.400	ng		0.00
19) Phenanthrene-d10	17.255	188	15506	0.400	ng	#	0.00
29) Chrysene-d12	21.465	240	12775	0.400	ng	#	0.00
35) Perylene-d12	23.832	264	13415	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	5736	0.425	ng		0.00
5) Phenol-d6	7.038	99	6653	0.427	ng		0.00
8) Nitrobenzene-d5	9.035	82	5310	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	8818	0.412	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	1225	0.489	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	12650	0.377	ng		0.00
27) Fluoranthene-d10	19.299	212	15490	0.412	ng		0.00
31) Terphenyl-d14	19.907	244	11871	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2531	0.320	ng		99
3) n-Nitrosodimethylamine	3.694	42	2328	0.361	ng	#	89
6) bis(2-Chloroethyl)ether	7.305	93	5989	0.403	ng		95
9) Naphthalene	10.712	128	17401	0.389	ng		99
10) Hexachlorobutadiene	10.989	225	3353	0.395	ng	#	100
12) 2-Methylnaphthalene	12.333	142	10602	0.403	ng		99
16) Acenaphthylene	14.233	152	13981	0.377	ng		99
17) Acenaphthene	14.575	154	9225	0.371	ng		98
18) Fluorene	15.555	166	11736	0.376	ng		97
20) 4,6-Dinitro-2-methylph...	15.654	198	541	0.238	ng	#	76
21) 4-Bromophenyl-phenylether	16.461	248	3608	0.391	ng	#	76
22) Hexachlorobenzene	16.560	284	4336	0.383	ng		96
23) Atrazine	16.734	200	2622	0.400	ng		96
24) Pentachlorophenol	16.908	266	1612	0.449	ng		98
25) Phenanthrene	17.305	178	17550	0.383	ng		100
26) Anthracene	17.392	178	15176	0.388	ng		99
28) Fluoranthene	19.327	202	20398	0.396	ng		98
30) Pyrene	19.689	202	20800	0.354	ng		100
32) Benzo(a)anthracene	21.447	228	16961	0.389	ng		99
33) Chrysene	21.501	228	18596	0.375	ng		98
34) Bis(2-ethylhexyl)phtha...	21.393	149	11110	0.374	ng		99
36) Indeno(1,2,3-cd)pyrene	26.279	276	20087	0.372	ng	#	90
37) Benzo(b)fluoranthene	23.110	252	17792	0.371	ng		95
38) Benzo(k)fluoranthene	23.160	252	18916	0.377	ng	#	92
39) Benzo(a)pyrene	23.727	252	15522	0.371	ng		93
40) Dibenzo(a,h)anthracene	26.312	278	16161	0.376	ng		94
41) Benzo(g,h,i)perylene	27.028	276	18488	0.354	ng		97

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

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