Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029843.D
Acq On : 17 Feb 2024 01:01
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 17 01:28:26 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	5079	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14133	0.400	ng		-0.01
13) Acenaphthene-d10	14.511	164	6956	0.400	ng		0.00
19) Phenanthrene-d10	17.255	188	14814	0.400	ng	#	0.00
29) Chrysene-d12	21.465	240	11317	0.400	ng	#	0.00
35) Perylene-d12	23.829	264	11826	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	4944	0.405	ng		0.00
5) Phenol-d6	7.038	99	5705	0.405	ng		0.00
8) Nitrobenzene-d5	9.035	82	4583	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	7855	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	1104	0.495	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	11245	0.377	ng		0.00
27) Fluoranthene-d10	19.299	212	14261	0.397	ng		0.00
31) Terphenyl-d14	19.907	244	10925	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2407	0.337	ng		100
3) n-Nitrosodimethylamine	3.702	42	2075	0.356	ng	#	94
6) bis(2-Chloroethyl)ether	7.305	93	6361	0.474	ng	#	84
9) Naphthalene	10.712	128	15632	0.388	ng		99
10) Hexachlorobutadiene	10.989	225	3096	0.406	ng	#	99
12) 2-Methylnaphthalene	12.329	142	9483	0.401	ng		99
16) Acenaphthylene	14.222	152	12384	0.375	ng		100
17) Acenaphthene	14.575	154	8759	0.395	ng		97
18) Fluorene	15.555	166	10660	0.383	ng		99
20) 4,6-Dinitro-2-methylph...	15.654	198	617	0.284	ng	#	77
21) 4-Bromophenyl-phenylether	16.461	248	3444	0.391	ng	#	79
22) Hexachlorobenzene	16.560	284	4162	0.385	ng		96
23) Atrazine	16.746	200	2290	0.365	ng		99
24) Pentachlorophenol	16.908	266	1394	0.407	ng		100
25) Phenanthrene	17.305	178	16360	0.373	ng		100
26) Anthracene	17.392	178	13787	0.369	ng		99
28) Fluoranthene	19.327	202	18811	0.382	ng		98
30) Pyrene	19.689	202	19195	0.368	ng		100
32) Benzo(a)anthracene	21.447	228	14240	0.368	ng		99
33) Chrysene	21.501	228	16713	0.380	ng		99
34) Bis(2-ethylhexyl)phtha...	21.393	149	9332	0.354	ng		100
36) Indeno(1,2,3-cd)pyrene	26.282	276	17267	0.363	ng	#	89
37) Benzo(b)fluoranthene	23.113	252	15628	0.370	ng		95
38) Benzo(k)fluoranthene	23.160	252	17254	0.390	ng	#	93
39) Benzo(a)pyrene	23.727	252	13696	0.372	ng		93
40) Dibenzo(a,h)anthracene	26.314	278	13724	0.363	ng		95
41) Benzo(g,h,i)perylene	27.028	276	16798	0.364	ng		98

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

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