Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029357.D
Acq On : 23 Jan 2024 21:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 24 01:10:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	5132	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	14487	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	7528	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	16260	0.400	ng		0.00
29) Chrysene-d12	21.510	240	14283	0.400	ng		0.00
35) Perylene-d12	23.905	264	15215	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	6208	0.456	ng		0.00
5) Phenol-d6	7.074	99	8504	0.467	ng		0.00
8) Nitrobenzene-d5	9.078	82	5447	0.355	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	8587	0.358	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	1341	0.342	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	13384	0.369	ng		0.00
27) Fluoranthene-d10	19.341	212	16774	0.348	ng		0.00
31) Terphenyl-d14	19.949	244	12925	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	2601	0.390	ng		95
3) n-Nitrosodimethylamine	3.723	42	2445	0.361	ng	#	91
6) bis(2-Chloroethyl)ether	7.349	93	6633	0.395	ng		99
9) Naphthalene	10.765	128	17404	0.374	ng		98
10) Hexachlorobutadiene	11.043	225	3280	0.335	ng	#	99
12) 2-Methylnaphthalene	12.378	142	10913	0.360	ng		99
16) Acenaphthylene	14.276	152	14490	0.361	ng		100
17) Acenaphthene	14.618	154	9961	0.369	ng		98
18) Fluorene	15.605	166	12729	0.348	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	921	0.307	ng		99
21) 4-Bromophenyl-phenylether	16.498	248	4174	0.351	ng	#	69
22) Hexachlorobenzene	16.597	284	5014	0.342	ng		96
23) Atrazine	16.771	200	2975	0.343	ng	#	90
24) Pentachlorophenol	16.945	266	1536	0.314	ng		98
25) Phenanthrene	17.342	178	20657	0.370	ng		99
26) Anthracene	17.442	178	17514	0.355	ng		99
28) Fluoranthene	19.373	202	23422	0.351	ng		98
30) Pyrene	19.735	202	23810	0.366	ng		100
32) Benzo(a)anthracene	21.492	228	22383	0.376	ng		100
33) Chrysene	21.546	228	22183	0.361	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	13554	0.413	ng		99
36) Indeno(1,2,3-cd)pyrene	26.382	276	22076	0.340	ng		97
37) Benzo(b)fluoranthene	23.174	252	21878	0.338	ng		99
38) Benzo(k)fluoranthene	23.224	252	22128	0.348	ng	#	96
39) Benzo(a)pyrene	23.794	252	17686	0.347	ng		99
40) Dibenzo(a,h)anthracene	26.414	278	17779	0.338	ng		99
41) Benzo(g,h,i)perylene	27.145	276	18950	0.336	ng		97

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

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