Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
Data File : BN026949.D
Acq On : 17 Aug 2023 19:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 18 03:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	11807	0.400	ng		0.00
7) Naphthalene-d8	10.927	136	34378	0.400	ng		-0.01
13) Acenaphthene-d10	14.726	164	22041	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	47443	0.400	ng	#	0.00
29) Chrysene-d12	21.650	240	31580	0.400	ng		0.00
35) Perylene-d12	24.194	264	29314	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	11215	0.337	ng		0.00
5) Phenol-d6	7.235	99	14234	0.346	ng		0.00
8) Nitrobenzene-d5	9.294	82	8761	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.506	152	20491	0.375	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	2979	0.254	ng		0.00
15) 2-Fluorobiphenyl	13.358	172	32020	0.391	ng		0.00
27) Fluoranthene-d10	19.495	212	42632	0.350	ng		0.00
31) Terphenyl-d14	20.080	244	28801	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	4584	0.361	ng		98
3) n-Nitrosodimethylamine	3.819	42	5374	0.380	ng	#	96
6) bis(2-Chloroethyl)ether	7.532	93	13445	0.389	ng		99
9) Naphthalene	10.981	128	35399	0.391	ng		99
10) Hexachlorobutadiene	11.216	225	6901	0.373	ng	#	99
12) 2-Methylnaphthalene	12.578	142	26121	0.369	ng		99
16) Acenaphthylene	14.459	152	38455	0.366	ng		100
17) Acenaphthene	14.790	154	25622	0.394	ng		99
18) Fluorene	15.767	166	33464	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	16.921	198	289	0.388	ng	#	50
21) 4-Bromophenyl-phenylether	16.661	248	10097	0.373	ng	#	86
22) Hexachlorobenzene	16.748	284	12030	0.416	ng		98
23) Atrazine	16.921	200	7382	0.306	ng	#	93
24) Pentachlorophenol	17.108	266	3785	0.259	ng		96
25) Phenanthrene	17.517	178	52592	0.386	ng		100
26) Anthracene	17.604	178	43544	0.342	ng		100
28) Fluoranthene	19.523	202	57452	0.356	ng		100
30) Pyrene	19.890	202	58699	0.483	ng		100
32) Benzo(a)anthracene	21.632	228	40567	0.356	ng		99
33) Chrysene	21.686	228	44936	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.515	149	29721	0.362	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.887	276	39460	0.329	ng		98
37) Benzo(b)fluoranthene	23.402	252	41924	0.427	ng		98
38) Benzo(k)fluoranthene	23.458	252	39577	0.392	ng		98
39) Benzo(a)pyrene	24.080	252	37560	0.382	ng		97
40) Dibenzo(a,h)anthracene	26.919	278	29294	0.307	ng		98
41) Benzo(g,h,i)perylene	27.723	276	36345	0.353	ng		99

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

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