Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027113.D
Acq On : 25 Aug 2023 10:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 26 02:15:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	7536	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	18712	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	12538	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	28343	0.400	ng		0.00
29) Chrysene-d12	21.632	240	25059	0.400	ng		0.00
35) Perylene-d12	24.171	264	26142	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.603	112	7744	0.365	ng		0.00
5) Phenol-d6	7.221	99	9338	0.356	ng		0.00
8) Nitrobenzene-d5	9.272	82	6108	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.483	152	11478	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.201	330	2034	0.305	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	18592	0.399	ng		0.00
27) Fluoranthene-d10	19.476	212	28709	0.395	ng		0.00
31) Terphenyl-d14	20.062	244	19978	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3448	0.425	ng		97
3) n-Nitrosodimethylamine	3.812	42	3669	0.406	ng	#	95
6) bis(2-Chloroethyl)ether	7.510	93	8570	0.389	ng		98
9) Naphthalene	10.959	128	19154	0.389	ng		100
10) Hexachlorobutadiene	11.194	225	4208	0.418	ng	#	100
12) 2-Methylnaphthalene	12.555	142	15005	0.390	ng		99
16) Acenaphthylene	14.437	152	23385	0.391	ng		100
17) Acenaphthene	14.769	154	14624	0.396	ng		99
18) Fluorene	15.755	166	19457	0.392	ng		98
20) 4,6-Dinitro-2-methylph...	16.909	198	189	0.425	ng	#	48
21) 4-Bromophenyl-phenylether	16.636	248	6170	0.381	ng	#	71
22) Hexachlorobenzene	16.723	284	7184	0.416	ng		99
23) Atrazine	16.909	200	5060	0.351	ng		98
24) Pentachlorophenol	17.083	266	2779	0.319	ng		98
25) Phenanthrene	17.492	178	32134	0.394	ng		100
26) Anthracene	17.592	178	28231	0.371	ng		100
28) Fluoranthene	19.509	202	38819	0.402	ng		100
30) Pyrene	19.871	202	40125	0.416	ng		100
32) Benzo(a)anthracene	21.614	228	34480	0.381	ng		99
33) Chrysene	21.668	228	36986	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.497	149	21094	0.324	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.852	276	34938	0.326	ng		99
37) Benzo(b)fluoranthene	23.379	252	34973	0.400	ng		97
38) Benzo(k)fluoranthene	23.431	252	34516	0.384	ng		96
39) Benzo(a)pyrene	24.057	252	32663	0.373	ng	#	94
40) Dibenzo(a,h)anthracene	26.881	278	27756	0.326	ng		98
41) Benzo(g,h,i)perylene	27.688	276	30183	0.329	ng		98

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

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