Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110623\
Data File : BN028484.D
Acq On : 06 Nov 2023 17:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 06 18:01:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	7699	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	22618	0.400	ng	# 0.00
13) Acenaphthene-d10	14.364	164	12562	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	25775	0.400	ng	#-0.01
29) Chrysene-d12	21.320	240	19649	0.400	ng	# 0.00
35) Perylene-d12	23.640	264	21343	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	8028	0.399	ng	0.00
5) Phenol-d6	6.887	99	9568	0.376	ng	0.00
8) Nitrobenzene-d5	8.865	82	6521	0.446	ng	-0.01
11) 2-Methylnaphthalene-d10	12.102	152	12634	0.390	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	1939	0.396	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	19405	1.301	ng	-0.02
27) Fluoranthene-d10	19.153	212	24207	0.380	ng	0.00
31) Terphenyl-d14	19.766	244	16253	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	3264	0.383	ng	# 93
3) n-Nitrosodimethylamine	3.507	42	3572	0.376	ng	# 96
6) bis(2-Chloroethyl)ether	7.147	93	8273	0.375	ng	99
9) Naphthalene	10.552	128	24276	0.398	ng	99
10) Hexachlorobutadiene	10.851	225	4200	0.413	ng	# 99
12) 2-Methylnaphthalene	12.178	142	16447	0.387	ng	99
16) Acenaphthylene	14.076	152	22841	0.368	ng	100
17) Acenaphthene	14.418	154	15223	0.387	ng	99
18) Fluorene	15.412	166	20153	0.376	ng	99
20) 4,6-Dinitro-2-methylph...	15.497	198	1158	0.604	ng	# 86
21) 4-Bromophenyl-phenylether	16.315	248	5966	0.418	ng	# 77
22) Hexachlorobenzene	16.414	284	6134	0.407	ng	97
23) Atrazine	16.588	200	4454	0.372	ng	# 92
24) Pentachlorophenol	16.762	266	2017	0.371	ng	99
25) Phenanthrene	17.147	178	29793	0.391	ng	100
26) Anthracene	17.246	178	26833	0.369	ng	99
28) Fluoranthene	19.181	202	32325	0.364	ng	100
30) Pyrene	19.548	202	33159	0.405	ng	100
32) Benzo(a)anthracene	21.311	228	29556	0.379	ng	99
33) Chrysene	21.365	228	30142	0.388	ng	98
34) Bis(2-ethylhexyl)phtha...	21.257	149	16240	0.403	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.014	276	35018	0.463	ng	98
37) Benzo(b)fluoranthene	22.939	252	28347	0.408	ng	# 93
38) Benzo(k)fluoranthene	22.985	252	30007	0.359	ng	# 92
39) Benzo(a)pyrene	23.538	252	28568	0.393	ng	# 90
40) Dibenzo(a,h)anthracene	26.041	278	28294	0.415	ng	# 92
41) Benzo(g,h,i)perylene	26.742	276	29655	0.406	ng	97

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

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