Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029093.D
Acq On : 07 Dec 2023 15:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 07 16:03:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	1027	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	2086	0.400	ng		-0.01
13) Acenaphthene-d10	14.396	164	1557	0.400	ng		0.00
19) Phenanthrene-d10	17.147	188	3516	0.400	ng		0.00
29) Chrysene-d12	21.347	240	1900	0.400	ng	#	0.00
35) Perylene-d12	23.661	264	1689	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	955	0.411	ng		0.00
5) Phenol-d6	6.973	99	1082	0.390	ng		0.00
8) Nitrobenzene-d5	8.939	82	869	0.345	ng		0.00
11) 2-Methylnaphthalene-d10	12.140	152	1432	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	558	0.324	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	2948	0.366	ng		0.00
27) Fluoranthene-d10	19.176	212	3540	0.320	ng		0.00
31) Terphenyl-d14	19.789	244	2079	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	379	0.458	ng	#	90
3) n-Nitrosodimethylamine	3.723	42	199	0.396	ng	#	1
6) bis(2-Chloroethyl)ether	7.226	93	778	0.396	ng		96
9) Naphthalene	10.594	128	2388	0.367	ng		99
10) Hexachlorobutadiene	10.872	225	970	0.338	ng	#	99
12) 2-Methylnaphthalene	12.212	142	1765	0.334	ng		97
16) Acenaphthylene	14.118	152	3150	0.367	ng		99
17) Acenaphthene	14.450	154	2024	0.376	ng		97
18) Fluorene	15.444	166	3059	0.357	ng		98
20) 4,6-Dinitro-2-methylph...	15.533	198	488	0.460	ng		92
21) 4-Bromophenyl-phenylether	16.340	248	1279	0.402	ng	#	86
22) Hexachlorobenzene	16.427	284	1459	0.403	ng		93
23) Atrazine	16.638	200	1031	0.367	ng	#	95
24) Pentachlorophenol	16.799	266	782	0.395	ng		98
25) Phenanthrene	17.184	178	4435	0.378	ng		99
26) Anthracene	17.271	178	4275	0.377	ng		99
28) Fluoranthene	19.209	202	5528	0.343	ng		99
30) Pyrene	19.576	202	5437	0.462	ng		100
32) Benzo(a)anthracene	21.329	228	3760	0.390	ng		99
33) Chrysene	21.383	228	3850	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	2792	0.470	ng		98
36) Indeno(1,2,3-cd)pyrene	26.035	276	3656	0.424	ng	#	94
37) Benzo(b)fluoranthene	22.959	252	3567	0.393	ng	#	91
38) Benzo(k)fluoranthene	23.006	252	3470	0.408	ng	#	86
39) Benzo(a)pyrene	23.562	252	3012	0.401	ng	#	83
40) Dibenzo(a,h)anthracene	26.067	278	2729	0.411	ng	#	83
41) Benzo(g,h,i)perylene	26.763	276	3305	0.455	ng	#	92

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

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