Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
Data File : BN029025.D
Acq On : 03 Dec 2023 18:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 04 00:44:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	2194	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	6582	0.400	ng		# 0.00
13) Acenaphthene-d10	14.396	164	4013	0.400	ng		-0.01
19) Phenanthrene-d10	17.146	188	8683	0.400	ng		-0.01
29) Chrysene-d12	21.347	240	6416	0.400	ng		# 0.00
35) Perylene-d12	23.667	264	5995	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	2701	0.406	ng		0.00
5) Phenol-d6	6.980	99	3346	0.454	ng		0.00
8) Nitrobenzene-d5	8.950	82	2858	0.437	ng		0.00
11) 2-Methylnaphthalene-d10	12.147	152	4586	0.434	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	1055	0.389	ng		-0.01
15) 2-Fluorobiphenyl	13.028	172	7233	0.417	ng		-0.01
27) Fluoranthene-d10	19.185	212	9892	0.433	ng		0.00
31) Terphenyl-d14	19.794	244	8187	0.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	796	0.370	ng		94
3) n-Nitrosodimethylamine	3.709	42	1184	0.442	ng	#	88
6) bis(2-Chloroethyl)ether	7.233	93	2495	0.402	ng		98
9) Naphthalene	10.605	128	8455	0.404	ng		98
10) Hexachlorobutadiene	10.882	225	1813	0.425	ng	#	99
12) 2-Methylnaphthalene	12.223	142	5630	0.428	ng		97
16) Acenaphthylene	14.118	152	8563	0.403	ng		99
17) Acenaphthene	14.460	154	5618	0.398	ng		99
18) Fluorene	15.454	166	7970	0.446	ng		99
20) 4,6-Dinitro-2-methylph...	15.545	198	688	0.361	ng	#	73
21) 4-Bromophenyl-phenylether	16.352	248	2430	0.407	ng		98
22) Hexachlorobenzene	16.439	284	2865	0.391	ng	#	87
23) Atrazine	16.637	200	2096	0.401	ng		96
24) Pentachlorophenol	16.799	266	1272	0.372	ng		92
25) Phenanthrene	17.196	178	11508	0.401	ng		97
26) Anthracene	17.283	178	10239	0.386	ng		99
28) Fluoranthene	19.213	202	13115	0.440	ng		99
30) Pyrene	19.580	202	13310	0.365	ng		99
32) Benzo(a)anthracene	21.329	228	10354	0.380	ng		95
33) Chrysene	21.383	228	10610	0.396	ng		96
34) Bis(2-ethylhexyl)phtha...	21.275	149	7710	0.063	ng	#	87
36) Indeno(1,2,3-cd)pyrene	26.044	276	10594	0.406	ng	#	92
37) Benzo(b)fluoranthene	22.965	252	10554	0.430	ng	#	29
38) Benzo(k)fluoranthene	23.012	252	9922	0.429	ng	#	28
39) Benzo(a)pyrene	23.564	252	8491	0.388	ng	#	24
40) Dibenzo(a,h)anthracene	26.070	278	8231	0.407	ng	#	27
41) Benzo(g,h,i)perylene	26.772	276	9014	0.396	ng	#	71

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

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