Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027266.D
Acq On : 30 Aug 2023 08:09
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 30 18:13:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.066	152	5316	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	14466	0.400	ng	#	0.00
13) Acenaphthene-d10	14.694	164	9278	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	21688	0.400	ng	#	0.00
29) Chrysene-d12	21.614	240	18350	0.400	ng		0.00
35) Perylene-d12	24.148	264	16961	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	4865	0.351	ng		0.00
5) Phenol-d6	7.207	99	6083	0.361	ng		0.00
8) Nitrobenzene-d5	9.251	82	4139	0.393	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	8094	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1124	0.327	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	13257	0.376	ng		0.00
27) Fluoranthene-d10	19.462	212	19870	0.369	ng		0.00
31) Terphenyl-d14	20.048	244	13312	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2491	0.384	ng		96
3) n-Nitrosodimethylamine	3.805	42	2671	0.388	ng	#	92
6) bis(2-Chloroethyl)ether	7.495	93	6188	0.380	ng		99
9) Naphthalene	10.938	128	14801	0.375	ng		100
10) Hexachlorobutadiene	11.173	225	2844	0.386	ng	#	99
12) 2-Methylnaphthalene	12.540	142	10939	0.390	ng		100
16) Acenaphthylene	14.427	152	15176	0.359	ng		100
17) Acenaphthene	14.758	154	10733	0.381	ng		99
18) Fluorene	15.742	166	14366	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	115	0.372	ng		82
21) 4-Bromophenyl-phenylether	16.623	248	4061	0.355	ng	#	77
22) Hexachlorobenzene	16.710	284	5183	0.382	ng		98
23) Atrazine	16.897	200	2956	0.345	ng		97
24) Pentachlorophenol	17.070	266	1567	0.300	ng		98
25) Phenanthrene	17.480	178	23935	0.375	ng		100
26) Anthracene	17.579	178	19063	0.352	ng		99
28) Fluoranthene	19.495	202	27778	0.370	ng		100
30) Pyrene	19.857	202	27898	0.382	ng		100
32) Benzo(a)anthracene	21.605	228	22003	0.350	ng		100
33) Chrysene	21.659	228	26064	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	9957	0.328	ng		98
36) Indeno(1,2,3-cd)pyrene	26.820	276	22526	0.327	ng		99
37) Benzo(b)fluoranthene	23.361	252	24500	0.373	ng		99
38) Benzo(k)fluoranthene	23.414	252	24032	0.356	ng		99
39) Benzo(a)pyrene	24.034	252	22045	0.359	ng		99
40) Dibenzo(a,h)anthracene	26.849	278	17625	0.326	ng		99
41) Benzo(g,h,i)perylene	27.653	276	21268	0.340	ng		99

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

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