Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027762.D
Acq On : 20 Sep 2023 13:13
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 11 17:30:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	2659	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	8358	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	5576	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	13139	0.400	ng	#	0.00
29) Chrysene-d12	21.569	240	13532	0.400	ng	#	0.00
35) Perylene-d12	24.072	264	12122	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	30819	4.582	ng		0.00
5) Phenol-d6	7.156	99	43621	5.189	ng		0.00
8) Nitrobenzene-d5	9.198	82	37062	5.599	ng		-0.01
11) 2-Methylnaphthalene-d10	12.407	152	67321	5.516	ng		0.00
14) 2,4,6-Tribromophenol	16.139	330	14375	6.062	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	112977	5.999	ng		0.00
27) Fluoranthene-d10	19.416	212	187387	5.488	ng		0.00
31) Terphenyl-d14	20.006	244	141276	5.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	14442	4.433	ng		93
3) n-Nitrosodimethylamine	3.769	42	18524	4.932	ng	#	96
6) bis(2-Chloroethyl)ether	7.445	93	41326	5.021	ng		99
9) Naphthalene	10.885	128	120839	5.215	ng		96
10) Hexachlorobutadiene	11.109	225	19955	4.953	ng	#	99
12) 2-Methylnaphthalene	12.479	142	89097	5.535	ng		98
16) Acenaphthylene	14.373	152	144561	6.065	ng		99
17) Acenaphthene	14.705	154	90485	5.352	ng		99
18) Fluorene	15.680	166	127839	5.214	ng		99
20) 4,6-Dinitro-2-methylph...	15.779	198	11575	9.145	ng	#	13
21) 4-Bromophenyl-phenylether	16.574	248	40158	5.985	ng		93
22) Hexachlorobenzene	16.661	284	42758	5.601	ng		99
23) Atrazine	16.847	200	31355	6.334	ng	#	90
24) Pentachlorophenol	17.021	266	21262	4.997	ng		97
25) Phenanthrene	17.430	178	213510	5.554	ng		100
26) Anthracene	17.530	178	199551	6.065	ng		100
28) Fluoranthene	19.449	202	263576	5.580	ng		100
30) Pyrene	19.816	202	269806	5.550	ng		100
32) Benzo(a)anthracene	21.560	228	265031	5.644	ng		99
33) Chrysene	21.614	228	272078	5.263	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	131439	6.320	ng		100
36) Indeno(1,2,3-cd)pyrene	26.694	276	301555	5.848	ng		100
37) Benzo(b)fluoranthene	23.294	252	272455	5.684	ng	#	91
38) Benzo(k)fluoranthene	23.344	252	276743	5.693	ng	#	90
39) Benzo(a)pyrene	23.955	252	257415	5.911	ng	#	86
40) Dibenzo(a,h)anthracene	26.712	278	246933	5.866	ng		93
41) Benzo(g,h,i)perylene	27.510	276	262093	5.629	ng		96

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

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