Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026877.D
Acq On : 10 Aug 2023 11:11
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 11 01:50:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6465	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	18782	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	12115	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	26812	0.400	ng		0.00
29) Chrysene-d12	21.659	240	25557	0.400	ng		0.00
35) Perylene-d12	24.212	264	26213	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	51009	3.115	ng		0.00
5) Phenol-d6	7.236	99	65608	3.095	ng		0.00
8) Nitrobenzene-d5	9.294	82	46527	4.183	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	91297	3.390	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	20204	4.899	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	143458	2.900	ng		0.00
27) Fluoranthene-d10	19.500	212	226059	3.511	ng		0.00
31) Terphenyl-d14	20.090	244	163588	3.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	20543	2.722	ng		97
3) n-Nitrosodimethylamine	3.819	42	23222	2.757	ng	#	99
6) bis(2-Chloroethyl)ether	7.539	93	57732	3.021	ng		100
9) Naphthalene	10.992	128	159566	3.090	ng		99
10) Hexachlorobutadiene	11.226	225	29100	3.107	ng	#	100
12) 2-Methylnaphthalene	12.585	142	116688	3.310	ng		98
16) Acenaphthylene	14.459	152	193605	3.233	ng		100
17) Acenaphthene	14.801	154	115439	3.073	ng		98
18) Fluorene	15.780	166	155038	3.170	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	1389	3.201	ng	#	4
21) 4-Bromophenyl-phenylether	16.673	248	50362	3.107	ng		99
22) Hexachlorobenzene	16.748	284	52473	2.833	ng		99
23) Atrazine	16.934	200	44754	4.181	ng		99
24) Pentachlorophenol	17.108	266	29182	6.135	ng		98
25) Phenanthrene	17.517	178	252810	3.105	ng		100
26) Anthracene	17.617	178	245331	3.372	ng		100
28) Fluoranthene	19.532	202	301679	3.327	ng		99
30) Pyrene	19.895	202	312969	2.834	ng		100
32) Benzo(a)anthracene	21.641	228	299425	3.412	ng		100
33) Chrysene	21.695	228	299512	3.087	ng		100
34) Bis(2-ethylhexyl)phtha...	21.533	149	197361	6.788	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.913	276	349701	3.269	ng		100
37) Benzo(b)fluoranthene	23.420	252	297304	2.882	ng		96
38) Benzo(k)fluoranthene	23.472	252	306343	2.891	ng		97
39) Benzo(a)pyrene	24.098	252	290111	3.085	ng	#	96
40) Dibenzo(a,h)anthracene	26.940	278	279310	3.362	ng		97
41) Benzo(g,h,i)perylene	27.756	276	296896	3.019	ng		98

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

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