Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024728.D
Acq On : 03 Apr 2023 13:36
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 04 03:05:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 03 15:20:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.997	152	11130	0.400	ng		0.00
7) Naphthalene-d8	10.802	136	30419	0.400	ng		0.00
13) Acenaphthene-d10	14.633	164	16886	0.400	ng		0.00
19) Phenanthrene-d10	17.376	188	33331	0.400	ng		0.00
29) Chrysene-d12	21.565	240	26844	0.400	ng		0.00
35) Perylene-d12	24.038	264	17390	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.541	112	74712	2.951	ng		0.00
5) Phenol-d6	7.152	99	99310	3.118	ng		0.00
8) Nitrobenzene-d5	9.158	82	76385	3.218	ng		0.00
11) 2-Methylnaphthalene-d10	12.391	152	121249	3.109	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	26121	3.594	ng		0.00
15) 2-Fluorobiphenyl	13.254	172	198889	3.019	ng		0.00
27) Fluoranthene-d10	19.404	212	229841	3.256	ng		0.00
31) Terphenyl-d14	19.998	244	232037	2.991	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	33749	2.936	ng		97
3) n-Nitrosodimethylamine	3.728	42	59805	3.103	ng	#	98
6) bis(2-Chloroethyl)ether	7.412	93	92988	2.972	ng		100
9) Naphthalene	10.856	128	240741	3.060	ng		99
10) Hexachlorobutadiene	11.144	225	47350	3.029	ng	#	99
12) 2-Methylnaphthalene	12.463	142	164801	3.119	ng		99
16) Acenaphthylene	14.355	152	237390	3.376	ng		100
17) Acenaphthene	14.697	154	152971	3.145	ng		96
18) Fluorene	15.680	166	211485	3.162	ng		99
20) 4,6-Dinitro-2-methylph...	15.750	198	14188	3.258	ng	#	38
21) 4-Bromophenyl-phenylether	16.569	248	63352	3.172	ng		97
22) Hexachlorobenzene	16.681	284	72617	3.090	ng		99
23) Atrazine	16.829	200	42604	3.502	ng		96
24) Pentachlorophenol	17.028	266	31786	3.832	ng		99
25) Phenanthrene	17.413	178	303936	3.157	ng		100
26) Anthracene	17.512	178	277954	3.331	ng		99
28) Fluoranthene	19.433	202	338382	3.305	ng		100
30) Pyrene	19.796	202	339158	3.004	ng		100
32) Benzo(a)anthracene	21.547	228	268890	3.125	ng		99
33) Chrysene	21.601	228	284924	2.999	ng		99
34) Bis(2-ethylhexyl)phtha...	21.467	149	120169	3.117	ng		99
36) Indeno(1,2,3-cd)pyrene	26.611	276	208665	3.162	ng		100
37) Benzo(b)fluoranthene	23.284	252	225259	3.188	ng	#	92
38) Benzo(k)fluoranthene	23.334	252	230367	3.290	ng	#	91
39) Benzo(a)pyrene	23.927	252	196643	3.277	ng	#	87
40) Dibenzo(a,h)anthracene	26.629	278	169144	3.253	ng		95
41) Benzo(g,h,i)perylene	27.401	276	187781	3.086	ng		98

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

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