Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030274.D
Acq On : 05 Mar 2024 16:23
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Mar 05 16:56:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1859	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	4559	0.400	ng	#	0.00
13) Acenaphthene-d10	14.458	164	2218	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4390	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3890	0.400	ng	#	0.00
35) Perylene-d12	23.797	264	4187	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	23722	4.861	ng		0.00
5) Phenol-d6	6.973	99	27328	5.323	ng		0.00
8) Nitrobenzene-d5	8.971	82	22047	5.299	ng		0.00
11) 2-Methylnaphthalene-d10	12.197	152	33509	5.065	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	5580	4.892	ng		-0.01
15) 2-Fluorobiphenyl	13.078	172	47098	5.112	ng		-0.01
27) Fluoranthene-d10	19.262	212	59850	4.967	ng		0.00
31) Terphenyl-d14	19.875	244	47930	4.751	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	11170	4.632	ng		98
3) n-Nitrosodimethylamine	3.637	42	12795	5.067	ng	#	98
6) bis(2-Chloroethyl)ether	7.248	93	21360	5.249	ng		97
9) Naphthalene	10.648	128	62705	4.926	ng		96
10) Hexachlorobutadiene	10.925	225	13733	4.726	ng	#	100
12) 2-Methylnaphthalene	12.272	142	39419	5.018	ng		96
16) Acenaphthylene	14.169	152	56067	5.238	ng		100
17) Acenaphthene	14.522	154	34821	5.041	ng		99
18) Fluorene	15.505	166	40549	4.878	ng		99
20) 4,6-Dinitro-2-methylph...	15.605	198	5617	6.164	ng	#	47
21) 4-Bromophenyl-phenylether	16.411	248	13871	5.170	ng	#	84
22) Hexachlorobenzene	16.511	284	15152	4.884	ng		98
23) Atrazine	16.697	200	11932	5.017	ng	#	86
24) Pentachlorophenol	16.858	266	8934	5.526	ng		97
25) Phenanthrene	17.255	178	63619	5.068	ng		99
26) Anthracene	17.355	178	60466	5.241	ng		99
28) Fluoranthene	19.289	202	75821	4.958	ng		99
30) Pyrene	19.656	202	78371	4.800	ng		100
32) Benzo(a)anthracene	21.420	228	70463	5.166	ng		97
33) Chrysene	21.474	228	71975	4.877	ng		98
34) Bis(2-ethylhexyl)phtha...	21.376	149	49904	4.592	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.218	276	91838	5.235	ng		97
37) Benzo(b)fluoranthene	23.081	252	76203	5.209	ng	#	86
38) Benzo(k)fluoranthene	23.128	252	75563	5.082	ng	#	84
39) Benzo(a)pyrene	23.692	252	67352	5.211	ng	#	78
40) Dibenzo(a,h)anthracene	26.244	278	74606	5.411	ng	#	86
41) Benzo(g,h,i)perylene	26.955	276	80353	5.054	ng		96

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

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