Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030287.D
Acq On : 06 Mar 2024 10:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 06 11:02:51 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 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	1807	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	4832	0.400	ng	#	0.00
13) Acenaphthene-d10	14.458	164	2403	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4725	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3778	0.400	ng		0.00
35) Perylene-d12	23.803	264	4419	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2024	0.427	ng		0.00
5) Phenol-d6	6.973	99	1999	0.401	ng		0.00
8) Nitrobenzene-d5	8.971	82	1606	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.200	152	2842	0.405	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	419	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	4156	0.416	ng		0.00
27) Fluoranthene-d10	19.262	212	5131	0.396	ng		0.00
31) Terphenyl-d14	19.879	244	4012	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	922	0.393	ng		95
3) n-Nitrosodimethylamine	3.658	42	881	0.356	ng	#	97
6) bis(2-Chloroethyl)ether	7.248	93	1640	0.415	ng		94
9) Naphthalene	10.648	128	5562	0.412	ng		98
10) Hexachlorobutadiene	10.925	225	1295	0.420	ng	#	98
12) 2-Methylnaphthalene	12.280	142	3336	0.401	ng		97
16) Acenaphthylene	14.180	152	4641	0.400	ng		99
17) Acenaphthene	14.522	154	3090	0.413	ng		99
18) Fluorene	15.505	166	3624	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.617	198	340	0.347	ng		99
21) 4-Bromophenyl-phenylether	16.424	248	1146	0.397	ng	#	67
22) Hexachlorobenzene	16.511	284	1440	0.431	ng		95
23) Atrazine	16.697	200	969	0.379	ng		98
24) Pentachlorophenol	16.871	266	713	0.410	ng		99
25) Phenanthrene	17.255	178	5503	0.407	ng		99
26) Anthracene	17.355	178	4882	0.393	ng		99
28) Fluoranthene	19.294	202	6377	0.387	ng		99
30) Pyrene	19.656	202	6563	0.414	ng		99
32) Benzo(a)anthracene	21.429	228	5344	0.403	ng		99
33) Chrysene	21.474	228	6002	0.419	ng		97
34) Bis(2-ethylhexyl)phtha...	21.376	149	3625	0.343	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.221	276	7313	0.395	ng		97
37) Benzo(b)fluoranthene	23.084	252	5849	0.379	ng		96
38) Benzo(k)fluoranthene	23.131	252	6039	0.385	ng		98
39) Benzo(a)pyrene	23.695	252	5504	0.403	ng		96
40) Dibenzo(a,h)anthracene	26.250	278	5785	0.398	ng		97
41) Benzo(g,h,i)perylene	26.964	276	6725	0.401	ng		98

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

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