Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031382.D
Acq On : 02 May 2024 21:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 03 01:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.603	152	2425	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	6674	0.400	ng		0.00
13) Acenaphthene-d10	14.242	164	3579	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	7570	0.400	ng	#	0.00
29) Chrysene-d12	21.202	240	7334	0.400	ng		0.00
35) Perylene-d12	23.402	264	8536	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	2419	0.448	ng		0.00
5) Phenol-d6	6.779	99	2601	0.398	ng		0.00
8) Nitrobenzene-d5	8.755	82	1990	0.431	ng		0.00
11) 2-Methylnaphthalene-d10	11.975	152	3813	0.371	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	581	0.418	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	5322	0.442	ng		0.00
27) Fluoranthene-d10	19.035	212	7956	0.390	ng		0.00
31) Terphenyl-d14	19.644	244	6700	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.154	88	1176	0.394	ng	#	91
3) n-Nitrosodimethylamine	3.464	42	1205	0.432	ng	#	88
6) bis(2-Chloroethyl)ether	7.039	93	2262	0.350	ng		95
9) Naphthalene	10.421	128	6727	0.366	ng		98
10) Hexachlorobutadiene	10.709	225	1666	0.451	ng	#	99
12) 2-Methylnaphthalene	12.051	142	4262	0.348	ng	#	95
16) Acenaphthylene	13.964	152	5654	0.358	ng		99
17) Acenaphthene	14.306	154	3968	0.356	ng		98
18) Fluorene	15.300	166	5042	0.342	ng		99
20) 4,6-Dinitro-2-methylph...	15.397	198	428	0.474	ng	#	91
21) 4-Bromophenyl-phenylether	16.197	248	1649	0.367	ng	#	88
22) Hexachlorobenzene	16.296	284	1945	0.370	ng		95
23) Atrazine	16.470	200	1338	0.411	ng		97
24) Pentachlorophenol	16.656	266	836	0.527	ng		97
25) Phenanthrene	17.041	178	7718	0.345	ng		99
26) Anthracene	17.128	178	6688	0.362	ng		99
28) Fluoranthene	19.068	202	9436	0.352	ng		98
30) Pyrene	19.435	202	9907	0.348	ng		99
32) Benzo(a)anthracene	21.184	228	9153	0.358	ng		100
33) Chrysene	21.238	228	9635	0.347	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	5650	0.483	ng		99
36) Indeno(1,2,3-cd)pyrene	25.607	276	13587	0.342	ng		95
37) Benzo(b)fluoranthene	22.741	252	11498	0.326	ng		97
38) Benzo(k)fluoranthene	22.785	252	10895	0.316	ng		96
39) Benzo(a)pyrene	23.306	252	9641	0.329	ng		96
40) Dibenzo(a,h)anthracene	25.624	278	10967	0.345	ng		94
41) Benzo(g,h,i)perylene	26.285	276	12263	0.350	ng		96

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

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