Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033811.D
Acq On : 09 Sep 2024 10:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 10 03:14:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.509	152	5091	0.400	ng		0.00
7) Naphthalene-d8	10.261	136	12872	0.400	ng		-0.01
13) Acenaphthene-d10	14.146	164	5728	0.400	ng		-0.01
19) Phenanthrene-d10	16.892	188	11073	0.400	ng		#-0.01
29) Chrysene-d12	21.113	240	8246	0.400	ng		# 0.00
35) Perylene-d12	23.265	264	8625	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.147	112	5494	0.353	ng		0.00
5) Phenol-d6	6.700	99	6410	0.347	ng		0.00
8) Nitrobenzene-d5	8.638	82	4078	0.372	ng		-0.01
11) 2-Methylnaphthalene-d10	11.862	152	6804	0.374	ng		-0.01
14) 2,4,6-Tribromophenol	15.651	330	971	0.336	ng		0.00
15) 2-Fluorobiphenyl	12.756	172	9462	0.396	ng		-0.01
27) Fluoranthene-d10	18.942	212	10263	0.376	ng		0.00
31) Terphenyl-d14	19.556	244	6924	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2158	0.373	ng		97
3) n-Nitrosodimethylamine	3.464	42	2734	0.402	ng		89
6) bis(2-Chloroethyl)ether	6.946	93	5273	0.379	ng		98
9) Naphthalene	10.314	128	13271	0.386	ng		100
10) Hexachlorobutadiene	10.613	225	2865	0.400	ng	#	99
12) 2-Methylnaphthalene	11.937	142	7895	0.375	ng		99
16) Acenaphthylene	13.857	152	9093	0.367	ng		99
17) Acenaphthene	14.210	154	6543	0.385	ng		98
18) Fluorene	15.204	166	8053	0.385	ng		99
20) 4,6-Dinitro-2-methylph...	15.290	198	609	0.348	ng	#	69
21) 4-Bromophenyl-phenylether	16.098	248	2420	0.377	ng	#	79
22) Hexachlorobenzene	16.209	284	2914	0.396	ng		95
23) Atrazine	16.383	200	1835	0.358	ng	#	92
24) Pentachlorophenol	16.557	266	1177	0.391	ng		99
25) Phenanthrene	16.942	178	11787	0.386	ng		99
26) Anthracene	17.029	178	9812	0.370	ng		100
28) Fluoranthene	18.970	202	12871	0.376	ng		99
30) Pyrene	19.337	202	13042	0.393	ng		100
32) Benzo(a)anthracene	21.095	228	11155	0.379	ng		98
33) Chrysene	21.148	228	12061	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5742	0.358	ng		99
36) Indeno(1,2,3-cd)pyrene	25.396	276	13979	0.392	ng		97
37) Benzo(b)fluoranthene	22.628	252	12589	0.397	ng		98
38) Benzo(k)fluoranthene	22.668	252	12683	0.410	ng		99
39) Benzo(a)pyrene	23.171	252	10212	0.385	ng		97
40) Dibenzo(a,h)anthracene	25.411	278	10934	0.383	ng		98
41) Benzo(g,h,i)perylene	26.039	276	12265	0.396	ng		98

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

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