Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034467.D
Acq On : 08 Oct 2024 12:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 08 12:58:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.380	152	5819	0.400	ng		-0.01
7) Naphthalene-d8	10.137	136	15914	0.400	ng		#-0.01
13) Acenaphthene-d10	14.026	164	8366	0.400	ng		-0.02
19) Phenanthrene-d10	16.790	188	15689	0.400	ng		-0.01
29) Chrysene-d12	21.015	240	13506	0.400	ng		0.00
35) Perylene-d12	23.125	264	14806	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.025	112	5911	0.358	ng		0.00
5) Phenol-d6	6.585	99	6105	0.318	ng		-0.01
8) Nitrobenzene-d5	8.525	82	3975	0.327	ng		-0.01
11) 2-Methylnaphthalene-d10	11.738	152	8240	0.351	ng		-0.02
14) 2,4,6-Tribromophenol	15.549	330	1372	0.362	ng		0.00
15) 2-Fluorobiphenyl	12.647	172	11474	0.337	ng		-0.01
27) Fluoranthene-d10	18.836	212	14587	0.369	ng		0.00
31) Terphenyl-d14	19.459	244	8906	0.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.032	88	2753	0.378	ng		93
3) n-Nitrosodimethylamine	3.335	42	2325	0.281	ng	#	83
6) bis(2-Chloroethyl)ether	6.824	93	5645	0.332	ng		94
9) Naphthalene	10.180	128	16288	0.373	ng		99
10) Hexachlorobutadiene	10.468	225	3680	0.447	ng	#	100
12) 2-Methylnaphthalene	11.810	142	9936	0.350	ng		99
16) Acenaphthylene	13.748	152	12682	0.354	ng		99
17) Acenaphthene	14.090	154	9306	0.362	ng		98
18) Fluorene	15.095	166	10999	0.326	ng		99
20) 4,6-Dinitro-2-methylph...	16.281	198	89	0.168	ng	#	1
21) 4-Bromophenyl-phenylether	15.996	248	3372	0.382	ng	#	90
22) Hexachlorobenzene	16.095	284	4763	0.482	ng	#	89
23) Atrazine	16.281	200	2511	0.344	ng	#	93
24) Pentachlorophenol	16.455	266	1641	0.502	ng		99
25) Phenanthrene	16.828	178	16211	0.360	ng		100
26) Anthracene	16.927	178	13423	0.365	ng		99
28) Fluoranthene	18.864	202	19531	0.374	ng		98
30) Pyrene	19.231	202	20521	0.360	ng		100
32) Benzo(a)anthracene	21.006	228	5454	0.128	ng		98
33) Chrysene	21.050	228	19110	0.375	ng		99
36) Indeno(1,2,3-cd)pyrene	25.189	276	23575	0.372	ng		95
37) Benzo(b)fluoranthene	22.505	252	20191	0.348	ng		97
38) Benzo(k)fluoranthene	22.546	252	22130	0.363	ng		96
39) Benzo(a)pyrene	23.035	252	17466	0.369	ng		98
40) Dibenzo(a,h)anthracene	25.207	278	18284	0.371	ng		97
41) Benzo(g,h,i)perylene	25.815	276	21172	0.382	ng		96

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

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