Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029991.D
Acq On : 24 Feb 2024 13:43
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 26 02:16:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4498	0.400	ng		-0.01
7) Naphthalene-d8	10.648	136	12018	0.400	ng		-0.02
13) Acenaphthene-d10	14.500	164	6001	0.400	ng		-0.01
19) Phenanthrene-d10	17.256	188	12478	0.400	ng		0.00
29) Chrysene-d12	21.456	240	9433	0.400	ng		# 0.00
35) Perylene-d12	23.821	264	8956	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.428	112	4629	0.428	ng		-0.01
5) Phenol-d6	7.024	99	5054	0.405	ng		-0.01
8) Nitrobenzene-d5	9.014	82	4088	0.409	ng		-0.02
11) 2-Methylnaphthalene-d10	12.246	152	6670	0.408	ng		-0.01
14) 2,4,6-Tribromophenol	16.002	330	878	0.456	ng		0.00
15) 2-Fluorobiphenyl	13.121	172	9525	0.370	ng		-0.01
27) Fluoranthene-d10	19.290	212	12752	0.422	ng		0.00
31) Terphenyl-d14	19.898	244	9292	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2352	0.371	ng		95
3) n-Nitrosodimethylamine	3.687	42	2232	0.433	ng	#	95
6) bis(2-Chloroethyl)ether	7.291	93	4799	0.403	ng		99
9) Naphthalene	10.701	128	13415	0.392	ng		100
10) Hexachlorobutadiene	10.979	225	2669	0.411	ng	#	100
12) 2-Methylnaphthalene	12.318	142	8026	0.399	ng		98
16) Acenaphthylene	14.212	152	10290	0.361	ng		99
17) Acenaphthene	14.554	154	7351	0.384	ng		99
18) Fluorene	15.543	166	9333	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.654	198	615	0.336	ng		96
21) 4-Bromophenyl-phenylether	16.449	248	2795	0.376	ng	#	87
22) Hexachlorobenzene	16.548	284	3581	0.393	ng		94
23) Atrazine	16.734	200	2188	0.414	ng		98
24) Pentachlorophenol	16.908	266	1233	0.427	ng		98
25) Phenanthrene	17.293	178	13725	0.372	ng		99
26) Anthracene	17.392	178	11674	0.371	ng		99
28) Fluoranthene	19.317	202	16483	0.397	ng		99
30) Pyrene	19.680	202	16694	0.384	ng		100
32) Benzo(a)anthracene	21.438	228	11791	0.366	ng		99
33) Chrysene	21.492	228	14484	0.396	ng		98
34) Bis(2-ethylhexyl)phtha...	21.385	149	7425	0.338	ng		100
36) Indeno(1,2,3-cd)pyrene	26.268	276	13598	0.378	ng		93
37) Benzo(b)fluoranthene	23.101	252	12747	0.398	ng		99
38) Benzo(k)fluoranthene	23.148	252	13367	0.399	ng		99
39) Benzo(a)pyrene	23.715	252	10935	0.392	ng		98
40) Dibenzo(a,h)anthracene	26.309	278	11355	0.396	ng		98
41) Benzo(g,h,i)perylene	27.005	276	12995	0.372	ng		98

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

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