Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
Data File : BN024096.D
Acq On : 22 Feb 2023 20:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 23 03:55:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 03:52:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4876	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	12895	0.400	ng		# 0.00
13) Acenaphthene-d10	14.474	164	7493	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	14991	0.400	ng		0.00
29) Chrysene-d12	21.428	240	10706	0.400	ng		# 0.00
35) Perylene-d12	23.811	264	8615	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	4468	0.441	ng		0.00
5) Phenol-d6	6.995	99	5516	0.462	ng		0.00
8) Nitrobenzene-d5	8.993	82	4049	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	7169	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	1392	0.361	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	12550	0.423	ng		-0.01
27) Fluoranthene-d10	19.258	212	13285	0.365	ng		0.00
31) Terphenyl-d14	19.857	244	8605	0.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1847	0.399	ng		98
3) n-Nitrosodimethylamine	3.593	42	2026	0.391	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	6422	0.538	ng		87
9) Naphthalene	10.680	128	14014	0.436	ng		100
10) Hexachlorobutadiene	10.957	225	3394	0.402	ng	#	99
12) 2-Methylnaphthalene	12.295	142	8766	0.410	ng		99
16) Acenaphthylene	14.196	152	10842	0.372	ng		99
17) Acenaphthene	14.538	154	8145	0.410	ng		100
18) Fluorene	15.522	166	11052	0.410	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	730	0.402	ng	#	74
21) 4-Bromophenyl-phenylether	16.421	248	3822	0.392	ng		98
22) Hexachlorobenzene	16.533	284	4817	0.411	ng		97
23) Atrazine	16.707	200	2399	0.376	ng		96
24) Pentachlorophenol	16.881	266	1567	0.444	ng		93
25) Phenanthrene	17.266	178	17162	0.415	ng		99
26) Anthracene	17.352	178	12799	0.376	ng		99
28) Fluoranthene	19.292	202	17216	0.363	ng		99
30) Pyrene	19.654	202	17173	0.462	ng		100
32) Benzo(a)anthracene	21.410	228	14240	0.416	ng		99
33) Chrysene	21.455	228	15381	0.416	ng		100
34) Bis(2-ethylhexyl)phtha...	21.330	149	6831	0.436	ng		98
36) Indeno(1,2,3-cd)pyrene	26.272	276	14662	0.375	ng		100
37) Benzo(b)fluoranthene	23.086	252	14318	0.411	ng	#	90
38) Benzo(k)fluoranthene	23.132	252	14005	0.406	ng	#	92
39) Benzo(a)pyrene	23.700	252	10464	0.396	ng	#	88
40) Dibenzo(a,h)anthracene	26.293	278	11570	0.369	ng		94
41) Benzo(g,h,i)perylene	27.030	276	12815	0.386	ng		95

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

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