Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029112.D
Acq On : 08 Dec 2023 04:29
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 08 04:59:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	836	0.400	ng		-0.01
7) Naphthalene-d8	10.552	136	1688	0.400	ng		-0.01
13) Acenaphthene-d10	14.386	164	1219	0.400	ng		-0.01
19) Phenanthrene-d10	17.134	188	2699	0.400	ng		#-0.01
29) Chrysene-d12	21.338	240	1505	0.400	ng		# 0.00
35) Perylene-d12	23.655	264	1567	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	814	0.430	ng		-0.01
5) Phenol-d6	6.973	99	1016	0.449	ng		0.00
8) Nitrobenzene-d5	8.929	82	858	0.421	ng		-0.01
11) 2-Methylnaphthalene-d10	12.136	152	1323	0.373	ng		-0.01
14) 2,4,6-Tribromophenol	15.893	330	500	0.371	ng		0.00
15) 2-Fluorobiphenyl	13.017	172	2640	0.418	ng		-0.01
27) Fluoranthene-d10	19.176	212	3028	0.357	ng		0.00
31) Terphenyl-d14	19.785	244	1805	0.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	232	0.345	ng	#	84
3) n-Nitrosodimethylamine	3.702	42	162	0.396	ng	#	1
6) bis(2-Chloroethyl)ether	7.219	93	755	0.472	ng		96
9) Naphthalene	10.594	128	2234	0.424	ng		99
10) Hexachlorobutadiene	10.861	225	846	0.364	ng	#	100
12) 2-Methylnaphthalene	12.208	142	1726	0.403	ng		100
16) Acenaphthylene	14.108	152	2981	0.444	ng		100
17) Acenaphthene	14.450	154	1873	0.445	ng		98
18) Fluorene	15.444	166	2868	0.427	ng		98
20) 4,6-Dinitro-2-methylph...	15.533	198	470	0.577	ng		98
21) 4-Bromophenyl-phenylether	16.340	248	1120	0.459	ng	#	91
22) Hexachlorobenzene	16.427	284	1268	0.457	ng	#	91
23) Atrazine	16.638	200	907	0.421	ng		97
24) Pentachlorophenol	16.787	266	775	0.510	ng		96
25) Phenanthrene	17.184	178	4059	0.451	ng		99
26) Anthracene	17.271	178	3863	0.444	ng		99
28) Fluoranthene	19.204	202	4780	0.386	ng	#	99
30) Pyrene	19.571	202	4798	0.514	ng		99
32) Benzo(a)anthracene	21.329	228	3379	0.443	ng		99
33) Chrysene	21.374	228	3371	0.449	ng		99
34) Bis(2-ethylhexyl)phtha...	21.266	149	3035	0.645	ng		96
36) Indeno(1,2,3-cd)pyrene	26.026	276	3714	0.465	ng	#	94
37) Benzo(b)fluoranthene	22.950	252	3554	0.422	ng	#	90
38) Benzo(k)fluoranthene	23.000	252	3382	0.429	ng	#	91
39) Benzo(a)pyrene	23.553	252	3062	0.440	ng	#	89
40) Dibenzo(a,h)anthracene	26.052	278	2938	0.477	ng	#	89
41) Benzo(g,h,i)perylene	26.754	276	3292	0.488	ng	#	92

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

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