Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029146.D
Acq On : 20 Dec 2023 22:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 21 01:11:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1108	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	2016	0.400	ng		#-0.01
13) Acenaphthene-d10	14.426	164	1067	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1931	0.400	ng		# 0.00
29) Chrysene-d12	21.385	240	1071	0.400	ng		# 0.00
35) Perylene-d12	23.701	264	1282	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	965	0.364	ng		0.00
5) Phenol-d6	7.002	99	1086	0.373	ng		0.00
8) Nitrobenzene-d5	8.961	82	944	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	1224	0.401	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	325	0.348	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	2220	0.356	ng		0.00
27) Fluoranthene-d10	19.215	212	1787	0.382	ng		0.00
31) Terphenyl-d14	19.828	244	1019	0.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	345	0.330	ng		95
3) n-Nitrosodimethylamine	3.716	42	217	0.303	ng	#	80
6) bis(2-Chloroethyl)ether	7.248	93	872	0.385	ng		91
9) Naphthalene	10.626	128	2360	0.359	ng		96
10) Hexachlorobutadiene	10.893	225	855	0.395	ng	#	96
12) 2-Methylnaphthalene	12.242	142	1598	0.372	ng		97
16) Acenaphthylene	14.148	152	2608	0.347	ng		99
17) Acenaphthene	14.490	154	1572	0.349	ng		94
18) Fluorene	15.473	166	2163	0.356	ng		97
20) 4,6-Dinitro-2-methylph...	15.580	198	36	0.102	ng	#	57
21) 4-Bromophenyl-phenylether	16.374	248	728	0.365	ng		92
22) Hexachlorobenzene	16.473	284	830	0.357	ng		93
23) Atrazine	16.672	200	621	0.371	ng	#	89
24) Pentachlorophenol	16.833	266	493	0.358	ng		94
25) Phenanthrene	17.218	178	2858	0.359	ng		98
26) Anthracene	17.305	178	2785	0.362	ng		99
28) Fluoranthene	19.248	202	3014	0.366	ng	#	95
30) Pyrene	19.610	202	2956	0.350	ng		99
32) Benzo(a)anthracene	21.367	228	2261	0.384	ng		95
33) Chrysene	21.420	228	2178	0.374	ng		95
34) Bis(2-ethylhexyl)phtha...	21.313	149	2383	0.319	ng		97
36) Indeno(1,2,3-cd)pyrene	26.078	276	2921	0.354	ng	#	86
37) Benzo(b)fluoranthene	22.996	252	2474	0.379	ng	#	91
38) Benzo(k)fluoranthene	23.043	252	2365	0.370	ng	#	92
39) Benzo(a)pyrene	23.598	252	2184	0.375	ng		92
40) Dibenzo(a,h)anthracene	26.104	278	2267	0.357	ng	#	90
41) Benzo(g,h,i)perylene	26.800	276	2478	0.354	ng		97

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

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