Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029224.D
Acq On : 09 Jan 2024 12:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 09 13:34:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	764	0.400	ng		-0.01
7) Naphthalene-d8	10.509	136	1514	0.400	ng		-0.01
13) Acenaphthene-d10	14.372	164	921	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1455	0.400	ng		0.00
29) Chrysene-d12	21.340	240	500	0.400	ng		0.00
35) Perylene-d12	23.631	264	603	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	598	0.337	ng		0.00
5) Phenol-d6	6.930	99	672	0.337	ng		0.00
8) Nitrobenzene-d5	8.897	82	696	0.366	ng		-0.01
11) 2-Methylnaphthalene-d10	12.110	152	976	0.373	ng		-0.01
14) 2,4,6-Tribromophenol	15.878	330	257	0.362	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1886	0.382	ng		0.00
27) Fluoranthene-d10	19.169	212	1004	0.339	ng		0.00
31) Terphenyl-d14	19.787	244	552	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	311	0.448	ng		91
3) n-Nitrosodimethylamine	3.630	42	190	0.326	ng	#	73
6) bis(2-Chloroethyl)ether	7.176	93	415	0.304	ng		95
9) Naphthalene	10.562	128	1657	0.361	ng		98
10) Hexachlorobutadiene	10.829	225	535	0.408	ng	#	97
12) 2-Methylnaphthalene	12.182	142	1245	0.366	ng		96
16) Acenaphthylene	14.094	152	2147	0.355	ng		99
17) Acenaphthene	14.436	154	1368	0.365	ng		99
18) Fluorene	15.431	166	1879	0.348	ng		99
20) 4,6-Dinitro-2-methylph...	15.530	198	160	0.326	ng		96
21) 4-Bromophenyl-phenylether	16.337	248	507	0.403	ng	#	91
22) Hexachlorobenzene	16.412	284	679	0.460	ng		95
23) Atrazine	16.623	200	496	0.407	ng		93
24) Pentachlorophenol	16.784	266	326	0.340	ng		94
25) Phenanthrene	17.169	178	2345	0.364	ng		99
26) Anthracene	17.268	178	2247	0.358	ng		97
28) Fluoranthene	19.201	202	1928	0.334	ng		99
30) Pyrene	19.568	202	1887	0.375	ng		97
32) Benzo(a)anthracene	21.331	228	1056	0.365	ng		99
33) Chrysene	21.376	228	1049	0.364	ng		98
34) Bis(2-ethylhexyl)phtha...	21.268	149	1821	0.435	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.973	276	1459	0.349	ng	#	89
37) Benzo(b)fluoranthene	22.938	252	1218	0.373	ng		98
38) Benzo(k)fluoranthene	22.985	252	1087	0.344	ng		94
39) Benzo(a)pyrene	23.528	252	1082	0.366	ng		95
40) Dibenzo(a,h)anthracene	25.996	278	1086	0.339	ng		98
41) Benzo(g,h,i)perylene	26.680	276	1231	0.347	ng		99

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

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