Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028951.D
Acq On : 01 Dec 2023 17:34
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 01 23:12:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2592	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	8031	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4830	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10500	0.400	ng	0.00
29) Chrysene-d12	21.374	240	7414	0.400	ng	# 0.00
35) Perylene-d12	23.708	264	6457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	3515	0.448	ng	0.00
5) Phenol-d6	7.010	99	4226	0.485	ng	0.00
8) Nitrobenzene-d5	8.971	82	3617	0.453	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	5371	0.417	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	1247	0.382	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	8252	0.396	ng	0.00
27) Fluoranthene-d10	19.209	212	12151	0.440	ng	0.00
31) Terphenyl-d14	19.817	244	9961	0.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	1045	0.412	ng	# 90
3) n-Nitrosodimethylamine	3.702	42	1491	0.465	ng	# 90
6) bis(2-Chloroethyl)ether	7.248	93	3401	0.464	ng	96
9) Naphthalene	10.637	128	10117	0.396	ng	100
10) Hexachlorobutadiene	10.904	225	1908	0.366	ng	# 99
12) 2-Methylnaphthalene	12.246	142	6801	0.424	ng	98
16) Acenaphthylene	14.140	152	11109	0.434	ng	98
17) Acenaphthene	14.482	154	6639	0.391	ng	100
18) Fluorene	15.476	166	9426	0.438	ng	98
20) 4,6-Dinitro-2-methylph...	15.570	198	561	0.243	ng	90
21) 4-Bromophenyl-phenylether	16.365	248	2646	0.366	ng	# 66
22) Hexachlorobenzene	16.464	284	3258	0.367	ng	97
23) Atrazine	16.663	200	2441	0.386	ng	94
24) Pentachlorophenol	16.824	266	1398	0.339	ng	98
25) Phenanthrene	17.209	178	13338	0.385	ng	97
26) Anthracene	17.308	178	12348	0.385	ng	99
28) Fluoranthene	19.237	202	15776	0.438	ng	# 97
30) Pyrene	19.604	202	16204	0.380	ng	100
32) Benzo(a)anthracene	21.356	228	12279	0.390	ng	97
33) Chrysene	21.410	228	11424	0.369	ng	95
34) Bis(2-ethylhexyl)phtha...	21.302	149	12952	0.193	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.102	276	10850	0.386	ng	# 94
37) Benzo(b)fluoranthene	22.997	252	10883	0.412	ng	# 41
38) Benzo(k)fluoranthene	23.044	252	10106	0.405	ng	# 42
39) Benzo(a)pyrene	23.602	252	9107	0.386	ng	# 37
40) Dibenzo(a,h)anthracene	26.131	278	8670	0.398	ng	# 37
41) Benzo(g,h,i)perylene	26.842	276	9286	0.379	ng	# 78

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

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