Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030278.D
Acq On : 05 Mar 2024 19:24
Operator : MA/JU
Sample : SP6443
Misc : 8270 SIM SPIKE
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6443

Quant Time: Mar 06 01:32:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1347	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	3339	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	1636	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	3077	0.400	ng	0.00
29) Chrysene-d12	21.438	240	2285	0.400	ng	0.00
35) Perylene-d12	23.806	264	2682	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	721	0.413	ng	# 59
3) n-Nitrosodimethylamine	3.651	42	778	0.422	ng	# 95
6) bis(2-Chloroethyl)ether	7.248	93	1285	0.436	ng	96
9) Naphthalene	10.648	128	4138	0.444	ng	97
10) Hexachlorobutadiene	10.925	225	936	0.440	ng	# 98
12) 2-Methylnaphthalene	12.280	142	2527	0.439	ng	97
16) Acenaphthylene	14.180	152	3822	0.484	ng	99
17) Acenaphthene	14.522	154	2259	0.443	ng	100
18) Fluorene	15.518	166	2645	0.431	ng	100
20) 4,6-Dinitro-2-methylph...	15.617	198	229	0.359	ng	89
21) 4-Bromophenyl-phenylether	16.424	248	835	0.444	ng	# 68
22) Hexachlorobenzene	16.511	284	1021	0.470	ng	100
23) Atrazine	16.709	200	730	0.438	ng	94
24) Pentachlorophenol	16.871	266	969	0.855	ng	95
25) Phenanthrene	17.256	178	3980	0.452	ng	99
26) Anthracene	17.355	178	3577	0.442	ng	99
28) Fluoranthene	19.294	202	4239	0.395	ng	100
30) Pyrene	19.657	202	4314	0.450	ng	99
32) Benzo(a)anthracene	21.429	228	3553	0.443	ng	100
33) Chrysene	21.474	228	3847	0.444	ng	98
34) Bis(2-ethylhexyl)phtha...	21.376	149	2536	0.397	ng	98
36) Indeno(1,2,3-cd)pyrene	26.224	276	5490	0.489	ng	# 85
37) Benzo(b)fluoranthene	23.084	252	3822	0.408	ng	98
38) Benzo(k)fluoranthene	23.134	252	4129	0.434	ng	97
39) Benzo(a)pyrene	23.695	252	3912	0.473	ng	99
40) Dibenzo(a,h)anthracene	26.259	278	4259	0.482	ng	97
41) Benzo(g,h,i)perylene	26.964	276	4650	0.457	ng	98

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

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