Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015682.D
Acq On : 23 Jul 2021 23:58
Operator : CG/JU
Sample : M3143-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
STOCK-PILE-2MSD

Manual Integrations APPROVED
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7/26/2021 1:28:27 PM

Quant Time: Jul 24 01:53:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.744	152	13793	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	66744	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	39506	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	78992	0.400	ng	0.00
29) Chrysene-d12	21.323	240	69850	0.400	ng	# 0.01
35) Perylene-d12	23.628	264	68575	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	11819	0.356	ng	0.02
5) Phenol-d6	6.923	99	14471	0.372	ng	0.00
8) Nitrobenzene-d5	8.886	82	16161	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	41021m	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	6394	0.520	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	43746	0.272	ng	0.00
27) Fluoranthene-d10	19.157	212	64934	0.308	ng	0.00
31) Terphenyl-d14	19.763	244	56572	0.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3956	0.961	ng	# 65
3) n-Nitrosodimethylamine	3.631	42	4155	0.409	ng	# 94
6) bis(2-Chloroethyl)ether	7.172	93	15930	0.407	ng	98
9) Naphthalene	10.571	128	86568	0.489	ng	100
10) Hexachlorobutadiene	10.863	225	12084	0.359	ng	# 99
12) 2-Methylnaphthalene	12.189	142	59764	0.523	ng	100
16) Acenaphthylene	14.091	152	191624	1.161	ng	99
17) Acenaphthene	14.433	154	88670	0.773	ng	99
18) Fluorene	15.423	166	122550	0.896	ng	96
20) 4,6-Dinitro-2-methylph...	15.512	198	349	0.247	ng	# 26
21) 4-Bromophenyl-phenylether	16.311	248	16947	0.369	ng	97
22) Hexachlorobenzene	16.433	284	17864	0.342	ng	99
23) Atrazine	16.591	200	16385	0.599	ng	98
24) Pentachlorophenol	16.774	266	11033	0.912	ng	99
25) Phenanthrene	17.163	178	1087190	4.560	ng	100
26) Anthracene	17.249	178	271785	1.372	ng	98
28) Fluoranthene	19.187	202	1735478	6.745	ng	99
30) Pyrene	19.549	202	1686864	6.724	ng	# 95
32) Benzo(a)anthracene	21.302	228	835917	3.819	ng	96
33) Chrysene	21.355	228	857809	3.537	ng	98
34) Bis(2-ethylhexyl)phtha...	21.238	149	125492	1.361	ng	98
36) Indeno(1,2,3-cd)pyrene	25.997	276	383089	1.542	ng	97
37) Benzo(b)fluoranthene	22.930	252	960003	3.723	ng	98
38) Benzo(k)fluoranthene	22.974	252	393066m	1.522	ng	
39) Benzo(a)pyrene	23.525	252	716645	3.429	ng	99
40) Dibenzo(a,h)anthracene	26.014	278	137123	0.702	ng	95
41) Benzo(g,h,i)perylene	26.726	276	355727	1.564	ng	99

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

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