Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015562.D
Acq On : 14 Jul 2021 14:10
Operator : CG/JU
Sample : M2939-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW-BR2-070221MSD

Manual Integrations APPROVED
mohammad
7/15/2021 8:50:26 AM

Quant Time: Jul 14 16:36:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 11:20:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	14919	0.400	ng	# 0.00
7) Naphthalene-d8	10.597	136	70458	0.400	ng	0.00
13) Acenaphthene-d10	14.446	164	39436	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	77262	0.400	ng	0.00
29) Chrysene-d12	21.387	240	62830	0.400	ng	# 0.00
35) Perylene-d12	23.748	264	41684	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.439	112	3691	0.097	ng	0.02
5) Phenol-d6	6.997	99	3002	0.063	ng	0.00
8) Nitrobenzene-d5	8.962	82	21340	0.541	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	44650m	0.383	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	3462	0.423	ng	0.00
15) 2-Fluorobiphenyl	13.064	172	58702	0.366	ng	0.00
27) Fluoranthene-d10	19.227	212	98563	0.432	ng	0.00
31) Terphenyl-d14	19.832	244	73832	0.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	2197m	0.314	ng	
3) n-Nitrosodimethylamine	3.724	42	2109	0.161	ng	# 75
6) bis(2-Chloroethyl)ether	7.246	93	18570	0.394	ng	# 86
9) Naphthalene	10.648	128	76369	0.378	ng	97
10) Hexachlorobutadiene	10.939	225	13134	0.345	ng	# 99
12) 2-Methylnaphthalene	12.261	142	52524	0.405	ng	# 90
16) Acenaphthylene	14.155	152	73734	0.422	ng	99
17) Acenaphthene	14.497	154	45343	0.370	ng	98
18) Fluorene	15.487	166	59340	0.398	ng	99
20) 4,6-Dinitro-2-methylph...	15.576	198	660	0.617	ng	# 71
21) 4-Bromophenyl-phenylether	16.385	248	18536	0.378	ng	# 89
22) Hexachlorobenzene	16.507	284	18957	0.341	ng	# 92
23) Atrazine	16.653	200	13142	0.483	ng	92
24) Pentachlorophenol	16.847	266	7435	0.972	ng	99
25) Phenanthrene	17.237	178	100277	0.403	ng	97
26) Anthracene	17.322	178	94850	0.445	ng	99
28) Fluoranthene	19.257	202	114324	0.427	ng	# 96
30) Pyrene	19.619	202	115202	0.482	ng	99
32) Benzo(a)anthracene	21.376	228	90876	0.422	ng	96
33) Chrysene	21.429	228	91726	0.391	ng	97
34) Bis(2-ethylhexyl)phtha...	21.313	149	86143	1.158	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.172	276	30883	0.207	ng	# 87
37) Benzo(b)fluoranthene	23.036	252	67507	0.413	ng	# 95
38) Benzo(k)fluoranthene	23.081	252	66631	0.382	ng	# 94
39) Benzo(a)pyrene	23.645	252	46830	0.313	ng	# 93
40) Dibenzo(a,h)anthracene	26.195	278	25948	0.221	ng	# 91
41) Benzo(g,h,i)perylene	26.918	276	25063	0.194	ng	# 89

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

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