Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072721\
Data File : BN015704.D
Acq On : 27 Jul 2021 15:03
Operator : CG/JU
Sample : M3186-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
AREA-3-(0-9)MSD

Manual Integrations APPROVED
mohammad
7/28/2021 11:34:18 AM

Quant Time: Jul 27 15:33:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 27 13:51:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	14299	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	67476	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	39552	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	78093	0.400	ng	0.00
29) Chrysene-d12	21.291	240	68177	0.400	ng	0.01
35) Perylene-d12	23.580	264	69793	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	13495	0.357	ng	0.02
5) Phenol-d6	6.877	99	16547	0.364	ng	0.00
8) Nitrobenzene-d5	8.835	82	18351	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	41908	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	6405	0.375	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	51330	0.328	ng	0.00
27) Fluoranthene-d10	19.117	212	78576	0.367	ng	0.00
31) Terphenyl-d14	19.723	244	65217	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	4734	1.090	ng	# 95
3) n-Nitrosodimethylamine	3.567	42	4376	0.401	ng	# 96
6) bis(2-Chloroethyl)ether	7.126	93	16300	0.400	ng	99
9) Naphthalene	10.521	128	102209	0.570	ng	100
10) Hexachlorobutadiene	10.812	225	12028	0.358	ng	# 100
12) 2-Methylnaphthalene	12.141	142	64290	0.545	ng	99
16) Acenaphthylene	14.040	152	237786	1.391	ng	99
17) Acenaphthene	14.383	154	53522	0.469	ng	97
18) Fluorene	15.372	166	78971	0.566	ng	92
20) 4,6-Dinitro-2-methylph...	15.461	198	630	0.296	ng	# 65
21) 4-Bromophenyl-phenylether	16.275	248	16467	0.364	ng	97
22) Hexachlorobenzene	16.385	284	17094	0.344	ng	99
23) Atrazine	16.543	200	15502	0.453	ng	97
24) Pentachlorophenol	16.738	266	9479	0.536	ng	99
25) Phenanthrene	17.115	178	429904	1.865	ng	100
26) Anthracene	17.200	178	204081	1.008	ng	99
28) Fluoranthene	19.147	202	698618	2.721	ng	99
30) Pyrene	19.510	202	751448	3.162	ng	# 96
32) Benzo(a)anthracene	21.270	228	524512m	2.273	ng	
33) Chrysene	21.323	228	502427	2.183	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	84729	0.709	ng	100
36) Indeno(1,2,3-cd)pyrene	25.918	276	381115	1.428	ng	95
37) Benzo(b)fluoranthene	22.892	252	607795	2.503	ng	98
38) Benzo(k)fluoranthene	22.933	252	280973m	1.131	ng	
39) Benzo(a)pyrene	23.481	252	546609	2.503	ng	99
40) Dibenzo(a,h)anthracene	25.935	278	151272	0.693	ng	97
41) Benzo(g,h,i)perylene	26.637	276	398247	1.787	ng	100

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

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