Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016635.D
Acq On : 01 Oct 2021 14:42
Operator : CG/JU
Sample : M3990-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MS

Manual Integrations APPROVED
mohammad
10/4/2021 11:47:51 AM

Quant Time: Oct 01 15:13:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28059	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	129235	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	68531	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	131648	0.40	ng	#	0.00
29) Chrysene-d12	21.227	240	127501	0.40	ng	#	-0.01
35) Perylene-d12	23.481	264	130392	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	23858	0.33	ng		0.04
5) Phenol-d6	6.831	99	27111	0.35	ng		0.00
8) Nitrobenzene-d5	8.784	82	26470	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	68364	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9701	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	81075	0.29	ng		0.00
27) Fluoranthene-d10	19.063	212	120527	0.34	ng		0.00
31) Terphenyl-d14	19.678	244	86078	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	6931m	0.54	ng		
3) n-Nitrosodimethylamine	3.594	42	8452	0.41	ng	#	93
6) bis(2-Chloroethyl)ether	7.080	93	29483	0.39	ng		99
9) Naphthalene	10.457	128	124720	0.36	ng		100
10) Hexachlorobutadiene	10.749	225	23470	0.36	ng	#	100
12) 2-Methylnaphthalene	12.078	142	84110	0.38	ng		99
16) Acenaphthylene	13.989	152	110282	0.37	ng		100
17) Acenaphthene	14.332	154	71389	0.35	ng		99
18) Fluorene	15.322	166	88299	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	1688	0.24	ng		94
21) 4-Bromophenyl-phenylether	16.226	248	30147	0.37	ng		94
22) Hexachlorobenzene	16.324	284	32895	0.35	ng		99
23) Atrazine	16.506	200	22454	0.38	ng		99
24) Pentachlorophenol	16.677	266	16010	0.51	ng		99
25) Phenanthrene	17.066	178	142722	0.36	ng		99
26) Anthracene	17.151	178	129161	0.38	ng		100
28) Fluoranthene	19.093	202	163714	0.38	ng		100
30) Pyrene	19.460	202	165511	0.40	ng		100
32) Benzo(a)anthracene	21.217	228	152388	0.39	ng		99
33) Chrysene	21.270	228	156849	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	143064	0.92	ng		100
36) Indeno(1,2,3-cd)pyrene	25.757	276	184971	0.40	ng		100
37) Benzo(b)fluoranthene	22.803	252	167539	0.40	ng		99
38) Benzo(k)fluoranthene	22.848	252	159392	0.38	ng	#	96
39) Benzo(a)pyrene	23.382	252	154323	0.41	ng		99
40) Dibenzo(a,h)anthracene	25.778	278	146298	0.39	ng		99
41) Benzo(g,h,i)perylene	26.452	276	164297	0.40	ng		99

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

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