Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016767.D
Acq On : 06 Oct 2021 06:54
Operator : CG/JU
Sample : M3966-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-831-J-SO-2-2.5-092721MSD

Manual Integrations APPROVED
mohammad
10/7/2021 8:31:58 AM

Quant Time: Oct 06 07:33:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26192	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	119808	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	66316	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	128966	0.40	ng		#-0.01
29) Chrysene-d12	21.238	240	121673	0.40	ng		0.00
35) Perylene-d12	23.488	264	134150	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	18542	0.28	ng		0.03
5) Phenol-d6	6.831	99	24034	0.32	ng		0.00
8) Nitrobenzene-d5	8.784	82	26109	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	77788m	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9102	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	75166	0.28	ng		-0.01
27) Fluoranthene-d10	19.063	212	116937	0.33	ng		0.00
31) Terphenyl-d14	19.678	244	88551	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	7536m	0.62	ng		
3) n-Nitrosodimethylamine	3.585	42	8441	0.43	ng	#	95
6) bis(2-Chloroethyl)ether	7.080	93	29880	0.42	ng		98
9) Naphthalene	10.457	128	140448	0.43	ng		99
10) Hexachlorobutadiene	10.749	225	22628	0.37	ng	#	100
12) 2-Methylnaphthalene	12.074	142	91664	0.44	ng		99
16) Acenaphthylene	13.989	152	142083	0.49	ng		100
17) Acenaphthene	14.332	154	84132	0.43	ng		99
18) Fluorene	15.322	166	111510	0.48	ng		98
20) 4,6-Dinitro-2-methylph...	15.410	198	2583	0.50	ng	#	77
21) 4-Bromophenyl-phenylether	16.226	248	30804	0.39	ng	#	86
22) Hexachlorobenzene	16.324	284	33174	0.37	ng		100
23) Atrazine	16.506	200	27069	0.44	ng		97
24) Pentachlorophenol	16.677	266	15500	0.70	ng		99
25) Phenanthrene	17.066	178	451448	1.19	ng		99
26) Anthracene	17.151	178	212584	0.63	ng		98
28) Fluoranthene	19.093	202	951610	2.26	ng		100
30) Pyrene	19.460	202	878876	2.20	ng	#	95
32) Benzo(a)anthracene	21.217	228	660136	1.75	ng		98
33) Chrysene	21.270	228	641694	1.68	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	249984	1.09	ng		95
36) Indeno(1,2,3-cd)pyrene	25.764	276	450818	1.06	ng		98
37) Benzo(b)fluoranthene	22.810	252	875182	2.02	ng		98
38) Benzo(k)fluoranthene	22.851	252	427442	1.03	ng	#	94
39) Benzo(a)pyrene	23.385	252	630116	1.62	ng		99
40) Dibenzo(a,h)anthracene	25.785	278	213734	0.63	ng	#	95
41) Benzo(g,h,i)perylene	26.466	276	400985	1.06	ng		99

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

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