Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018296.D
Acq On : 30 Dec 2021 14:58
Operator : CG/JU
Sample : M5221-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2022
Supervised By :mohammad ahmed 01/06/2022

Quant Time: Dec 31 08:21:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	30622	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	121478	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	70912	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	122751	0.400	ng		0.00
29) Chrysene-d12	21.196	240	64368	0.400	ng		0.00
35) Perylene-d12	23.426	264	56330	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	8915	0.145	ng		0.03
5) Phenol-d6	6.849	99	3858	0.065	ng		0.02
8) Nitrobenzene-d5	8.784	82	27972	0.447	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	77760	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	6785	0.484	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	99729	0.372	ng		0.00
27) Fluoranthene-d10	19.038	212	157713	0.404	ng		0.00
31) Terphenyl-d14	19.644	244	92101	0.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	5087m	0.291	ng		
3) n-Nitrosodimethylamine	3.521	42	5318	0.211	ng		94
6) bis(2-Chloroethyl)ether	7.080	93	29020	0.398	ng		98
9) Naphthalene	10.457	128	114173	0.380	ng		99
10) Hexachlorobutadiene	10.761	225	30003	0.359	ng	#	99
12) 2-Methylnaphthalene	12.083	142	76231	0.396	ng		100
16) Acenaphthylene	13.977	152	110712	0.444	ng		100
17) Acenaphthene	14.332	154	72749	0.397	ng		99
18) Fluorene	15.309	166	85856	0.398	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	862	0.527	ng	#	82
21) 4-Bromophenyl-phenylether	16.202	248	34887	0.468	ng		99
22) Hexachlorobenzene	16.324	284	44796	0.472	ng		99
23) Atrazine	16.482	200	20813	0.471	ng		97
24) Pentachlorophenol	16.677	266	10608	0.958	ng		100
25) Phenanthrene	17.042	178	144122	0.445	ng		100
26) Anthracene	17.139	178	114493	0.425	ng		99
28) Fluoranthene	19.068	202	178119	0.470	ng		99
30) Pyrene	19.430	202	186183	0.738	ng		100
32) Benzo(a)anthracene	21.185	228	73351	0.409	ng		99
33) Chrysene	21.227	228	93945	0.453	ng		100
34) Bis(2-ethylhexyl)phtha...	21.132	149	111897	1.393	ng		99
36) Indeno(1,2,3-cd)pyrene	25.699	276	61202	0.455	ng		99
37) Benzo(b)fluoranthene	22.755	252	78633	0.439	ng		97
38) Benzo(k)fluoranthene	22.796	252	64542	0.381	ng		96
39) Benzo(a)pyrene	23.330	252	69798	0.448	ng		94
40) Dibenzo(a,h)anthracene	25.716	278	43918m	0.458	ng		
41) Benzo(g,h,i)perylene	26.380	276	68292	0.509	ng		99

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

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