Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016293.D
Acq On : 10 Sep 2021 16:42
Operator : CG/JU
Sample : PB138988BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138988BS

Manual Integrations APPROVED
mohammad
9/13/2021 10:21:31 AM

Quant Time: Sep 11 02:30:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 10 14:34:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	10804	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	54628	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	30857	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	63609	0.400	ng		0.00
29) Chrysene-d12	21.429	240	52333	0.400	ng		0.00
35) Perylene-d12	23.816	264	26714	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	10629	0.386	ng		0.00
5) Phenol-d6	7.043	99	13271	0.385	ng		0.00
8) Nitrobenzene-d5	9.025	82	16198	0.369	ng		0.01
11) 2-Methylnaphthalene-d10	12.247	152	32494	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	4526	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	46816	0.387	ng		0.00
27) Fluoranthene-d10	19.271	212	69238	0.370	ng		0.00
31) Terphenyl-d14	19.867	244	59471	0.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1224m	0.319	ng		
3) n-Nitrosodimethylamine	3.742	42	2629	0.331	ng	#	99
6) bis(2-Chloroethyl)ether	7.292	93	11348	0.399	ng		100
9) Naphthalene	10.711	128	56382	0.386	ng		100
10) Hexachlorobutadiene	10.990	225	11308	0.380	ng	#	99
12) 2-Methylnaphthalene	12.318	142	38578	0.393	ng		100
16) Acenaphthylene	14.205	152	52504	0.380	ng		100
17) Acenaphthene	14.548	154	34793	0.388	ng		99
18) Fluorene	15.537	166	43125	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	174	0.276	ng	#	55
21) 4-Bromophenyl-phenylether	16.433	248	12973	0.381	ng		97
22) Hexachlorobenzene	16.543	284	15400	0.378	ng		100
23) Atrazine	16.701	200	9135	0.292	ng		99
24) Pentachlorophenol	16.896	266	1661	0.384	ng		97
25) Phenanthrene	17.273	178	70582	0.382	ng		100
26) Anthracene	17.370	178	63916	0.376	ng		100
28) Fluoranthene	19.301	202	82523	0.381	ng		100
30) Pyrene	19.664	202	82384	0.464	ng		100
32) Benzo(a)anthracene	21.408	228	67363	0.413	ng		100
33) Chrysene	21.461	228	66302	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.334	149	45005	0.448	ng		100
36) Indeno(1,2,3-cd)pyrene	26.284	276	15803	0.355	ng		97
37) Benzo(b)fluoranthene	23.087	252	46039m	0.446	ng		
38) Benzo(k)fluoranthene	23.135	252	41065	0.447	ng		98
39) Benzo(a)pyrene	23.710	252	32961	0.430	ng	#	74
40) Dibenzo(a,h)anthracene	26.305	278	12547	0.369	ng	#	94
41) Benzo(g,h,i)perylene	27.048	276	12522	0.339	ng		97

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

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