Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016339.D
Acq On : 20 Sep 2021 11:25
Operator : CG/JU
Sample : PB139183BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139183BS

Manual Integrations APPROVED
mohammad
9/21/2021 11:30:09 AM

Quant Time: Sep 20 11:54:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	25262	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	109405	0.400	ng		0.00
13) Acenaphthene-d10	14.307	164	57038	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	110690	0.400	ng		0.00
29) Chrysene-d12	21.259	240	117356	0.400	ng		0.00
35) Perylene-d12	23.522	264	107525	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	25396	0.401	ng		-0.02
5) Phenol-d6	6.859	99	29337	0.382	ng		0.00
8) Nitrobenzene-d5	8.822	82	28436	0.437	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	65676	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	6433	0.384	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	93533	0.419	ng		0.00
27) Fluoranthene-d10	19.098	212	128327	0.401	ng		0.00
31) Terphenyl-d14	19.708	244	110767	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	4458	0.424	ng	#	85
3) n-Nitrosodimethylamine	3.613	42	11043m	0.460	ng		
6) bis(2-Chloroethyl)ether	7.126	93	29306	0.428	ng		94
9) Naphthalene	10.495	128	118365	0.402	ng		99
10) Hexachlorobutadiene	10.787	225	22710	0.405	ng	#	99
12) 2-Methylnaphthalene	12.123	142	76908	0.394	ng		99
16) Acenaphthylene	14.028	152	90669	0.342	ng		99
17) Acenaphthene	14.370	154	65325	0.397	ng		99
18) Fluorene	15.360	166	79621	0.390	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	2275	0.532	ng	#	66
21) 4-Bromophenyl-phenylether	16.263	248	24990	0.386	ng		99
22) Hexachlorobenzene	16.360	284	25015	0.409	ng	#	92
23) Atrazine	16.543	200	17366	0.293	ng		98
24) Pentachlorophenol	16.713	266	8235	0.400	ng		99
25) Phenanthrene	17.103	178	129278	0.413	ng		99
26) Anthracene	17.188	178	111171	0.367	ng		99
28) Fluoranthene	19.127	202	150907	0.419	ng		99
30) Pyrene	19.490	202	152029	0.410	ng		99
32) Benzo(a)anthracene	21.249	228	150803	0.400	ng		99
33) Chrysene	21.291	228	157161	0.431	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	52647	0.259	ng		98
36) Indeno(1,2,3-cd)pyrene	25.822	276	123180	0.355	ng		99
37) Benzo(b)fluoranthene	22.841	252	150988	0.442	ng		99
38) Benzo(k)fluoranthene	22.885	252	152519	0.464	ng		98
39) Benzo(a)pyrene	23.423	252	127533	0.413	ng		98
40) Dibenzo(a,h)anthracene	25.843	278	104568	0.355	ng		97
41) Benzo(g,h,i)perylene	26.521	276	101476	0.346	ng		95

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

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