Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017191.D
Acq On : 29 Oct 2021 22:19
Operator : CG/JU
Sample : PB140247BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140247BS

Manual Integrations APPROVED
mohammad
11/1/2021 1:36:50 PM

Quant Time: Oct 30 01:21:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 30 00:49:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	38322	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	172327	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	88777	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	160592	0.400	ng		0.00
29) Chrysene-d12	21.154	240	156875	0.400	ng		#-0.01
35) Perylene-d12	23.369	264	160798	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	27630	0.321	ng		0.00
5) Phenol-d6	6.749	99	30017	0.315	ng		0.00
8) Nitrobenzene-d5	8.710	82	28424	0.283	ng		0.00
11) 2-Methylnaphthalene-d10	11.929	152	129704	0.497	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	8185	0.338	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	110474	0.333	ng		0.00
27) Fluoranthene-d10	18.995	212	221607	0.491	ng		0.00
31) Terphenyl-d14	19.610	244	112480	0.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	7261m	0.356	ng		
3) n-Nitrosodimethylamine	3.494	42	10223	0.304	ng		100
6) bis(2-Chloroethyl)ether	7.008	93	33040	0.327	ng		100
9) Naphthalene	10.383	128	147461	0.328	ng		100
10) Hexachlorobutadiene	10.674	225	27140	0.328	ng	#	100
12) 2-Methylnaphthalene	12.000	142	94170	0.333	ng		100
16) Acenaphthylene	13.915	152	109362	0.308	ng		100
17) Acenaphthene	14.257	154	80266	0.328	ng		100
18) Fluorene	15.260	166	94966	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.349	198	3436	0.291	ng		99
21) 4-Bromophenyl-phenylether	16.155	248	28658	0.324	ng		97
22) Hexachlorobenzene	16.264	284	32313	0.335	ng		100
23) Atrazine	16.435	200	17751	0.322	ng		97
24) Pentachlorophenol	16.605	266	7473	0.381	ng		100
25) Phenanthrene	16.995	178	150511	0.335	ng		100
26) Anthracene	17.080	178	119659	0.318	ng		99
28) Fluoranthene	19.025	202	165372	0.339	ng		100
30) Pyrene	19.387	202	164826	0.334	ng		100
32) Benzo(a)anthracene	21.144	228	148750	0.314	ng		99
33) Chrysene	21.197	228	171702	0.344	ng		99
34) Bis(2-ethylhexyl)phtha...	21.101	149	53534	0.350	ng		100
36) Indeno(1,2,3-cd)pyrene	25.594	276	195171	0.334	ng		99
37) Benzo(b)fluoranthene	22.705	252	164782	0.328	ng		99
38) Benzo(k)fluoranthene	22.750	252	167253	0.335	ng		98
39) Benzo(a)pyrene	23.270	252	147888	0.326	ng		100
40) Dibenzo(a,h)anthracene	25.611	278	157919	0.333	ng		98
41) Benzo(g,h,i)perylene	26.269	276	168897	0.330	ng		100

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

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