Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017365.D
Acq On : 10 Nov 2021 01:49
Operator : CG/JU
Sample : PB140531BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140531BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 11:22:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	29953	0.400	ng		0.00
7) Naphthalene-d8	10.307	136	135623	0.400	ng	#	0.00
13) Acenaphthene-d10	14.181	164	71359	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	133381	0.400	ng		0.00
29) Chrysene-d12	21.133	240	123692	0.400	ng	#	0.00
35) Perylene-d12	23.332	264	109361	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	24053	0.348	ng		0.00
5) Phenol-d6	6.740	99	26430	0.347	ng		0.00
8) Nitrobenzene-d5	8.684	82	30887	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	67081	0.336	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	7811	0.293	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	96454	0.355	ng		0.00
27) Fluoranthene-d10	18.975	212	119987	0.353	ng		0.00
31) Terphenyl-d14	19.590	244	105563	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	6439m	0.384	ng		
3) n-Nitrosodimethylamine	3.476	42	10168	0.395	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	30095	0.375	ng		100
9) Naphthalene	10.357	128	130477	0.365	ng		100
10) Hexachlorobutadiene	10.649	225	25156	0.359	ng	#	100
12) 2-Methylnaphthalene	11.986	142	77476	0.329	ng		100
16) Acenaphthylene	13.902	152	105592	0.363	ng		100
17) Acenaphthene	14.245	154	73643	0.368	ng		99
18) Fluorene	15.234	166	88038	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	1728	0.289	ng		94
21) 4-Bromophenyl-phenylether	16.143	248	27263	0.365	ng	#	62
22) Hexachlorobenzene	16.240	284	31165	0.372	ng		100
23) Atrazine	16.423	200	16435	0.325	ng		99
24) Pentachlorophenol	16.593	266	6841	0.385	ng		100
25) Phenanthrene	16.970	178	141200	0.369	ng		100
26) Anthracene	17.068	178	111396	0.350	ng		100
28) Fluoranthene	19.005	202	152197	0.369	ng		100
30) Pyrene	19.367	202	150234	0.376	ng		100
32) Benzo(a)anthracene	21.123	228	126730	0.338	ng		100
33) Chrysene	21.176	228	151144	0.378	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	41857	0.316	ng		100
36) Indeno(1,2,3-cd)pyrene	25.543	276	121195	0.317	ng		99
37) Benzo(b)fluoranthene	22.675	252	132488	0.371	ng		100
38) Benzo(k)fluoranthene	22.719	252	133777	0.374	ng		98
39) Benzo(a)pyrene	23.236	252	110914	0.350	ng		99
40) Dibenzo(a,h)anthracene	25.560	278	95513	0.310	ng		99
41) Benzo(g,h,i)perylene	26.214	276	101888	0.307	ng		99

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

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