Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017749.D
Acq On : 07 Dec 2021 03:46
Operator : CG/JU
Sample : M4917-09RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-25RE

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 07 06:53:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 15:58:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	24891	0.400	ng		0.00
7) Naphthalene-d8	10.545	136	101723	0.400	ng	#	0.01
13) Acenaphthene-d10	14.373	164	94041	0.400	ng	#	0.00
19) Phenanthrene-d10	17.117	188	141887	0.400	ng	#	0.00
29) Chrysene-d12	21.304	240	147905	0.400	ng	#	0.00
35) Perylene-d12	23.613	264	133433	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.373	112	22609	0.423	ng		0.02
5) Phenol-d6	6.950	99	6264	0.109	ng		0.02
8) Nitrobenzene-d5	8.897	82	24804m	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.125	152	52626	0.282	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	18002	0.443	ng		0.00
15) 2-Fluorobiphenyl	13.003	172	96970	0.278	ng		0.00
27) Fluoranthene-d10	19.174	212	159397	0.334	ng		0.02
31) Terphenyl-d14	19.755	244	150378	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	283	0.017	ng	#	1
9) Naphthalene	10.608	128	18642283	73.908	ng		97
10) Hexachlorobutadiene	10.887	225	62	0.001	ng	#	86
12) 2-Methylnaphthalene	12.205	142	3514540	20.311	ng		96
17) Acenaphthene	14.436	154	113992	0.466	ng		94
18) Fluorene	15.426	166	111951	0.357	ng	#	97
21) 4-Bromophenyl-phenylether	16.289	248	586	0.007	ng	#	1
22) Hexachlorobenzene	16.435	284	89	0.001	ng	#	1
24) Pentachlorophenol	16.776	266	589	0.188	ng		94
25) Phenanthrene	17.154	178	124491m	0.333	ng		
26) Anthracene	17.251	178	9260	0.028	ng	#	45
28) Fluoranthene	19.209	202	14811m	0.033	ng		
30) Pyrene	19.547	202	12363	0.022	ng	#	90
32) Benzo(a)anthracene	21.293	228	2891	0.007	ng	#	1
33) Chrysene	21.346	228	1839	0.004	ng	#	1
34) Bis(2-ethylhexyl)phtha...	21.230	149	37607	0.161	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.985	276	1219	0.004	ng	#	59
37) Benzo(b)fluoranthene	22.918	252	1997	0.004	ng	#	1
38) Benzo(k)fluoranthene	22.963	252	1356	0.003	ng	#	1
39) Benzo(a)pyrene	23.511	252	1360	0.004	ng	#	1
40) Dibenzo(a,h)anthracene	25.999	278	881	0.005	ng	#	1
41) Benzo(g,h,i)perylene	26.711	276	1106	0.004	ng	#	1

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

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