Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018183.D
Acq On : 23 Dec 2021 16:01
Operator : CG/JU
Sample : M5179-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 23:31:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.624	152	21728	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	95867	0.400	ng	#	0.00
13) Acenaphthene-d10	14.256	164	60351	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	114404	0.400	ng		0.00
29) Chrysene-d12	21.196	240	105858	0.400	ng		0.00
35) Perylene-d12	23.420	264	102018	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	13335	0.281	ng		0.03
5) Phenol-d6	6.822	99	15289	0.301	ng		0.00
8) Nitrobenzene-d5	8.772	82	18069	0.280	ng		0.00
11) 2-Methylnaphthalene-d10	11.994	152	42155	0.256	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	5581	0.322	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	64439	0.286	ng		0.00
27) Fluoranthene-d10	19.033	212	92326	0.255	ng		0.00
31) Terphenyl-d14	19.639	244	71925	0.309	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.445	128	28119	0.119	ng		98
12) 2-Methylnaphthalene	12.070	142	12401	0.079	ng		99
16) Acenaphthylene	13.964	152	14902	0.066	ng	#	86
17) Acenaphthene	14.320	154	10087	0.065	ng		99
18) Fluorene	15.309	166	13889	0.072	ng	#	95
25) Phenanthrene	17.030	178	35259m	0.116	ng		
26) Anthracene	17.127	178	17844	0.071	ng		97
28) Fluoranthene	19.063	202	37997	0.107	ng		100
30) Pyrene	19.425	202	37258	0.110	ng	#	95
32) Benzo(a)anthracene	21.174	228	28194	0.092	ng	#	91
33) Chrysene	21.228	228	30097	0.090	ng	#	94
34) Bis(2-ethylhexyl)phtha...	21.121	149	589020	3.692	ng		99
36) Indeno(1,2,3-cd)pyrene	25.685	276	20182	0.068	ng		98
37) Benzo(b)fluoranthene	22.752	252	29572	0.094	ng	#	65
38) Benzo(k)fluoranthene	22.793	252	21979	0.069	ng	#	59
39) Benzo(a)pyrene	23.324	252	21504	0.076	ng	#	63
40) Dibenzo(a,h)anthracene	25.703	278	13106	0.082	ng	#	74
41) Benzo(g,h,i)perylene	26.377	276	21456	0.079	ng	#	90

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

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