Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018186.D
Acq On : 23 Dec 2021 17:49
Operator : CG/JU
Sample : M5179-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

Quant Time: Dec 24 23:32:19 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	23909	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	106436	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	66405	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	137856	0.400	ng	0.00
29) Chrysene-d12	21.185	240	133067	0.400	ng	#-0.01
35) Perylene-d12	23.419	264	124006	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	14476	0.277	ng	0.04
5) Phenol-d6	6.822	99	16487	0.295	ng	0.00
8) Nitrobenzene-d5	8.772	82	21045	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	52317m	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8699	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	69405	0.280	ng	-0.01
27) Fluoranthene-d10	19.033	212	108212	0.248	ng	0.00
31) Terphenyl-d14	19.639	244	87349	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	6266m	0.437	ng	
3) n-Nitrosodimethylamine	3.512	42	8414	0.403	ng	99
6) bis(2-Chloroethyl)ether	7.062	93	21037	0.349	ng	98
9) Naphthalene	10.445	128	92447	0.352	ng	99
10) Hexachlorobutadiene	10.749	225	22831	0.327	ng	# 100
12) 2-Methylnaphthalene	12.070	142	65584	0.378	ng	99
16) Acenaphthylene	13.964	152	97391	0.395	ng	100
17) Acenaphthene	14.320	154	61520	0.358	ng	98
18) Fluorene	15.296	166	79356m	0.375	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	1822	0.346	ng	95
21) 4-Bromophenyl-phenylether	16.190	248	29375	0.348	ng	92
22) Hexachlorobenzene	16.312	284	31586	0.316	ng	99
23) Atrazine	16.470	200	21872	0.418	ng	99
24) Pentachlorophenol	16.665	266	11982	0.559	ng	99
25) Phenanthrene	17.030	178	142073	0.388	ng	99
26) Anthracene	17.127	178	124066	0.412	ng	99
28) Fluoranthene	19.063	202	165210	0.387	ng	100
30) Pyrene	19.420	202	165861	0.388	ng	100
32) Benzo(a)anthracene	21.174	228	149474	0.387	ng	100
33) Chrysene	21.227	228	152095	0.361	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	92337	0.692	ng	99
36) Indeno(1,2,3-cd)pyrene	25.682	276	134341	0.374	ng	99
37) Benzo(b)fluoranthene	22.749	252	143808	0.375	ng	100
38) Benzo(k)fluoranthene	22.793	252	141462	0.366	ng	100
39) Benzo(a)pyrene	23.320	252	134414	0.390	ng	100
40) Dibenzo(a,h)anthracene	25.696	278	103407	0.367	ng	99
41) Benzo(g,h,i)perylene	26.367	276	124354	0.376	ng	100

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

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