Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018185.D
Acq On : 23 Dec 2021 17:13
Operator : CG/JU
Sample : M5179-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

Quant Time: Dec 24 23:32:10 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	22363	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	100003	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	62697	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	129196	0.400	ng	0.00
29) Chrysene-d12	21.185	240	128400	0.400	ng	#-0.01
35) Perylene-d12	23.419	264	118117	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	14243	0.292	ng	0.04
5) Phenol-d6	6.821	99	16260	0.311	ng	0.00
8) Nitrobenzene-d5	8.771	82	20436	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	50334	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8406	0.385	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	67458	0.288	ng	-0.01
27) Fluoranthene-d10	19.033	212	107900	0.264	ng	0.00
31) Terphenyl-d14	19.638	244	86643	0.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	6205m	0.462	ng	
3) n-Nitrosodimethylamine	3.511	42	8225	0.421	ng	98
6) bis(2-Chloroethyl)ether	7.061	93	20606	0.366	ng	99
9) Naphthalene	10.444	128	91371	0.370	ng	99
10) Hexachlorobutadiene	10.748	225	22335	0.340	ng	# 100
12) 2-Methylnaphthalene	12.069	142	64279	0.394	ng	99
16) Acenaphthylene	13.964	152	94773	0.407	ng	100
17) Acenaphthene	14.319	154	60404	0.372	ng	98
18) Fluorene	15.309	166	78596m	0.394	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	1742	0.350	ng	95
21) 4-Bromophenyl-phenylether	16.202	248	28795	0.364	ng	# 77
22) Hexachlorobenzene	16.311	284	30977	0.331	ng	99
23) Atrazine	16.470	200	21284	0.431	ng	98
24) Pentachlorophenol	16.664	266	12542	0.590	ng	99
25) Phenanthrene	17.029	178	140784	0.411	ng	99
26) Anthracene	17.127	178	122321	0.433	ng	99
28) Fluoranthene	19.063	202	164180	0.410	ng	100
30) Pyrene	19.425	202	164001	0.398	ng	100
32) Benzo(a)anthracene	21.174	228	146884	0.394	ng	100
33) Chrysene	21.227	228	153515	0.377	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	92170	0.707	ng	99
36) Indeno(1,2,3-cd)pyrene	25.678	276	132778	0.388	ng	99
37) Benzo(b)fluoranthene	22.748	252	141893	0.388	ng	100
38) Benzo(k)fluoranthene	22.793	252	141648	0.385	ng	100
39) Benzo(a)pyrene	23.320	252	133911	0.408	ng	100
40) Dibenzo(a,h)anthracene	25.695	278	101928	0.379	ng	99
41) Benzo(g,h,i)perylene	26.366	276	123469	0.392	ng	100

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

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