Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
Data File : BN026855.D
Acq On : 08 Aug 2023 20:32
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-9-(5-10)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:12:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 01:06:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	12809	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	41821	0.400	ng	#	0.00
13) Acenaphthene-d10	14.737	164	24146	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	45543	0.400	ng		0.00
29) Chrysene-d12	21.659	240	36295	0.400	ng	#	0.00
35) Perylene-d12	24.218	264	33851	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	8107	0.250	ng		0.00
5) Phenol-d6	7.235	99	10174	0.242	ng		0.00
8) Nitrobenzene-d5	9.294	82	5801	0.234	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	14993	0.250	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	1840	0.224	ng		-0.01
15) 2-Fluorobiphenyl	13.368	172	22540	0.229	ng		0.00
27) Fluoranthene-d10	19.500	212	22975	0.210	ng		0.00
31) Terphenyl-d14	20.090	244	24027	0.317	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.991	128	1128598	9.814	ng		99
12) 2-Methylnaphthalene	12.581	142	239892	3.056	ng		100
16) Acenaphthylene	14.459	152	495186	4.149	ng		99
17) Acenaphthene	14.801	154	117214	1.565	ng		98
18) Fluorene	15.779	166	354913	3.641	ng		94
25) Phenanthrene	17.517	178	3543439	25.618	ng		99
26) Anthracene	17.616	178	1227033	9.928	ng		99
28) Fluoranthene	19.532	202	5178403	33.623	ng		98
30) Pyrene	19.899	202	5376836	34.283	ng		96
32) Benzo(a)anthracene	21.641	228	3078547	24.700	ng		96
33) Chrysene	21.703	228	2829913	20.539	ng	#	97
34) Bis(2-ethylhexyl)phtha...	21.533	149	12287	0.298	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.925	276	1395143	10.100	ng	#	93
37) Benzo(b)fluoranthene	23.431	252	3091782	23.213	ng		97
38) Benzo(k)fluoranthene	23.478	252	1110919m	8.118	ng		
39) Benzo(a)pyrene	24.104	252	2327059m	19.159	ng		
40) Dibenzo(a,h)anthracene	26.946	278	395186	3.683	ng	#	92
41) Benzo(g,h,i)perylene	27.767	276	1372898	10.810	ng		97

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

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