Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
Data File : BN017024.D
Acq On : 20 Oct 2021 17:27
Operator : CG/JU
Sample : PB140075BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140075BS

Manual Integrations APPROVED
mohammad
10/21/2021 11:19:39 AM

Quant Time: Oct 20 18:00:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 20 15:04:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.607	152	19837	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	86811	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	45004	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	82910	0.40	ng		0.00
29) Chrysene-d12	21.186	240	80179	0.40	ng		0.00
35) Perylene-d12	23.403	264	79430	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.218	112	13611	0.33	ng		0.00
5) Phenol-d6	6.786	99	14739	0.31	ng		0.00
8) Nitrobenzene-d5	8.747	82	18283	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	40814	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	4853	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	58811	0.35	ng		0.00
27) Fluoranthene-d10	19.019	212	67377	0.32	ng		0.00
31) Terphenyl-d14	19.635	244	59541	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	4409m	0.34	ng		
3) n-Nitrosodimethylamine	3.531	42	5202	0.34	ng	#	98
6) bis(2-Chloroethyl)ether	7.044	93	18769	0.34	ng		99
9) Naphthalene	10.420	128	77856	0.34	ng		100
10) Hexachlorobutadiene	10.712	225	15738	0.35	ng	#	100
12) 2-Methylnaphthalene	12.039	142	49389	0.34	ng		99
16) Acenaphthylene	13.940	152	59248	0.33	ng		100
17) Acenaphthene	14.295	154	43030	0.35	ng		99
18) Fluorene	15.285	166	50312	0.34	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	1218	0.29	ng	#	85
21) 4-Bromophenyl-phenylether	16.179	248	16240	0.34	ng		97
22) Hexachlorobenzene	16.288	284	20039	0.36	ng		100
23) Atrazine	16.459	200	8581	0.32	ng		99
24) Pentachlorophenol	16.641	266	3261	0.36	ng		100
25) Phenanthrene	17.019	178	81921	0.35	ng		100
26) Anthracene	17.116	178	63963	0.32	ng		100
28) Fluoranthene	19.049	202	88619	0.35	ng		100
30) Pyrene	19.411	202	86022	0.34	ng		100
32) Benzo(a)anthracene	21.165	228	77637	0.33	ng		99
33) Chrysene	21.218	228	89709	0.34	ng		99
34) Bis(2-ethylhexyl)phtha...	21.122	149	25544	0.37	ng		100
36) Indeno(1,2,3-cd)pyrene	25.645	276	87302	0.32	ng		99
37) Benzo(b)fluoranthene	22.736	252	83694	0.32	ng		100
38) Benzo(k)fluoranthene	22.780	252	90105	0.35	ng	#	97
39) Benzo(a)pyrene	23.308	252	72905	0.32	ng		100
40) Dibenzo(a,h)anthracene	25.666	278	68155	0.31	ng		99
41) Benzo(g,h,i)perylene	26.326	276	73231	0.30	ng		99

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

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