Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
Data File : BN017031.D
Acq On : 20 Oct 2021 21:42
Operator : CG/JU
Sample : PB140014BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140014BS

Manual Integrations APPROVED
mohammad
10/21/2021 11:19:44 AM

Quant Time: Oct 21 01:46:53 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	7.597	152	20537	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	91574	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	48215	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	90342	0.40	ng		0.00
29) Chrysene-d12	21.186	240	90090	0.40	ng	#	0.00
35) Perylene-d12	23.400	264	90026	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.209	112	16672	0.39	ng		0.00
5) Phenol-d6	6.786	99	18461	0.37	ng		0.00
8) Nitrobenzene-d5	8.748	82	22046	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.959	152	45322	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	6653	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	65118	0.36	ng		0.00
27) Fluoranthene-d10	19.019	212	81212	0.36	ng		0.00
31) Terphenyl-d14	19.630	244	70109	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	4573m	0.34	ng		
3) n-Nitrosodimethylamine	3.531	42	5823	0.37	ng	#	97
6) bis(2-Chloroethyl)ether	7.044	93	20693	0.36	ng		99
9) Naphthalene	10.420	128	84783	0.36	ng		100
10) Hexachlorobutadiene	10.699	225	16951	0.36	ng	#	100
12) 2-Methylnaphthalene	12.035	142	54739	0.36	ng		99
16) Acenaphthylene	13.940	152	70064	0.36	ng		100
17) Acenaphthene	14.295	154	48123	0.36	ng		99
18) Fluorene	15.285	166	57006	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.374	198	1666	0.32	ng	#	90
21) 4-Bromophenyl-phenylether	16.179	248	18729	0.36	ng	#	90
22) Hexachlorobenzene	16.288	284	22110	0.37	ng		100
23) Atrazine	16.459	200	12020	0.38	ng		97
24) Pentachlorophenol	16.629	266	5403	0.43	ng		100
25) Phenanthrene	17.019	178	92388	0.36	ng		100
26) Anthracene	17.104	178	77118	0.36	ng		100
28) Fluoranthene	19.049	202	103496	0.37	ng		100
30) Pyrene	19.412	202	103998	0.37	ng		100
32) Benzo(a)anthracene	21.165	228	100419	0.38	ng		99
33) Chrysene	21.218	228	103589	0.35	ng		98
34) Bis(2-ethylhexyl)phtha...	21.122	149	46899	0.48	ng		100
36) Indeno(1,2,3-cd)pyrene	25.642	276	106488	0.35	ng		98
37) Benzo(b)fluoranthene	22.736	252	101708	0.35	ng		99
38) Benzo(k)fluoranthene	22.780	252	106674	0.37	ng	#	97
39) Benzo(a)pyrene	23.304	252	92005	0.36	ng		100
40) Dibenzo(a,h)anthracene	25.663	278	84774	0.35	ng		98
41) Benzo(g,h,i)perylene	26.323	276	89286	0.33	ng		99

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

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