Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016839.D
Acq On : 08 Oct 2021 11:45
Operator : CG/JU
Sample : M4045-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

Manual Integrations APPROVED
mohammad
10/11/2021 2:09:59 PM

Quant Time: Oct 08 14:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	20932	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	97125	0.40	ng	#	0.00
13) Acenaphthene-d10	14.243	164	51019	0.40	ng		0.00
19) Phenanthrene-d10	17.005	188	97359	0.40	ng		0.00
29) Chrysene-d12	21.217	240	101953	0.40	ng	#	0.00
35) Perylene-d12	23.454	264	110247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	14830	0.28	ng		0.04
5) Phenol-d6	6.812	99	16408	0.28	ng		0.02
8) Nitrobenzene-d5	8.759	82	17513	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	47312	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	6636	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	51685	0.25	ng		0.00
27) Fluoranthene-d10	19.043	212	82980	0.31	ng		0.00
31) Terphenyl-d14	19.654	244	65340	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.244	88	4801m	0.51	ng		
3) n-Nitrosodimethylamine	3.558	42	6337	0.39	ng	#	93
6) bis(2-Chloroethyl)ether	7.052	93	22355	0.39	ng		99
9) Naphthalene	10.432	128	98970	0.37	ng		100
10) Hexachlorobutadiene	10.723	225	17260	0.34	ng	#	100
12) 2-Methylnaphthalene	12.052	142	67279	0.40	ng		100
16) Acenaphthylene	13.964	152	84063	0.37	ng		100
17) Acenaphthene	14.307	154	54082	0.36	ng		100
18) Fluorene	15.296	166	66625	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	1992	0.28	ng	#	72
21) 4-Bromophenyl-phenylether	16.202	248	22262	0.37	ng		92
22) Hexachlorobenzene	16.312	284	24029	0.35	ng		100
23) Atrazine	16.482	200	17837	0.37	ng		99
24) Pentachlorophenol	16.652	266	2314	0.17	ng		99
25) Phenanthrene	17.042	178	161937	0.56	ng		100
26) Anthracene	17.127	178	104484	0.41	ng		99
28) Fluoranthene	19.073	202	245539	0.76	ng		100
30) Pyrene	19.435	202	227968	0.73	ng		98
32) Benzo(a)anthracene	21.195	228	175068	0.56	ng		98
33) Chrysene	21.249	228	175509	0.55	ng		98
34) Bis(2-ethylhexyl)phtha...	21.153	149	121337	0.76	ng		98
36) Indeno(1,2,3-cd)pyrene	25.716	276	199209	0.48	ng		99
37) Benzo(b)fluoranthene	22.779	252	204733	0.59	ng		100
38) Benzo(k)fluoranthene	22.824	252	162177	0.48	ng	#	97
39) Benzo(a)pyrene	23.351	252	174823	0.55	ng		100
40) Dibenzo(a,h)anthracene	25.737	278	140655	0.41	ng		99
41) Benzo(g,h,i)perylene	26.407	276	175886	0.48	ng		99

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

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