Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016766.D
Acq On : 06 Oct 2021 06:17
Operator : CG/JU
Sample : M3966-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-831-J-SO-2-2.5-092721MS

Manual Integrations APPROVED
mohammad
10/7/2021 8:31:55 AM

Quant Time: Oct 06 06:58:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27065	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	123205	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	66743	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	126192	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	117497	0.40	ng	0.00
35) Perylene-d12	23.488	264	132178	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	18939	0.27	ng	0.03
5) Phenol-d6	6.831	99	24432	0.32	ng	0.00
8) Nitrobenzene-d5	8.784	82	26265	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	79014m	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8709	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	75884	0.28	ng	-0.01
27) Fluoranthene-d10	19.068	212	114132	0.33	ng	0.00
31) Terphenyl-d14	19.679	244	85793	0.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	8129m	0.64	ng	
3) n-Nitrosodimethylamine	3.585	42	8833	0.43	ng	# 96
6) bis(2-Chloroethyl)ether	7.080	93	30654	0.42	ng	99
9) Naphthalene	10.457	128	144079	0.43	ng	100
10) Hexachlorobutadiene	10.749	225	23394	0.37	ng	# 100
12) 2-Methylnaphthalene	12.074	142	93501	0.44	ng	99
16) Acenaphthylene	13.990	152	140947	0.48	ng	100
17) Acenaphthene	14.332	154	85090	0.44	ng	99
18) Fluorene	15.322	166	110266	0.47	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	2740	0.52	ng	# 76
21) 4-Bromophenyl-phenylether	16.227	248	30247	0.39	ng	# 84
22) Hexachlorobenzene	16.324	284	32861	0.38	ng	100
23) Atrazine	16.506	200	26239	0.43	ng	96
24) Pentachlorophenol	16.677	266	15461	0.70	ng	98
25) Phenanthrene	17.066	178	441580	1.19	ng	99
26) Anthracene	17.151	178	206855	0.62	ng	98
28) Fluoranthene	19.093	202	933441	2.27	ng	100
30) Pyrene	19.460	202	860870	2.23	ng	# 95
32) Benzo(a)anthracene	21.217	228	641939	1.76	ng	98
33) Chrysene	21.270	228	625234	1.69	ng	97
34) Bis(2-ethylhexyl)phtha...	21.164	149	244280	1.11	ng	94
36) Indeno(1,2,3-cd)pyrene	25.764	276	456190	1.09	ng	98
37) Benzo(b)fluoranthene	22.810	252	859074	2.01	ng	98
38) Benzo(k)fluoranthene	22.855	252	382857	0.93	ng	# 95
39) Benzo(a)pyrene	23.385	252	623285	1.63	ng	99
40) Dibenzo(a,h)anthracene	25.785	278	215159	0.65	ng	# 95
41) Benzo(g,h,i)perylene	26.462	276	409772	1.10	ng	98

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

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