Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016783.D
Acq On : 06 Oct 2021 17:27
Operator : CG/JU
Sample : M3915-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 2

Instrument :
BNA_N
ClientSampleId :
RE137-20210921MS

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:22 AM

Quant Time: Oct 06 18:57:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	36924	0.800	ng		0.00
7) Naphthalene-d8	10.407	136	172025	0.800	ng	#	0.00
13) Acenaphthene-d10	14.269	164	95945	0.800	ng		0.00
19) Phenanthrene-d10	17.017	188	190300	0.800	ng	#	0.00
29) Chrysene-d12	21.227	240	201776	0.800	ng	#	0.00
35) Perylene-d12	23.478	264	219480	0.800	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	6060	0.129	ng		0.03
5) Phenol-d6	6.822	99	3931	0.075	ng		0.00
8) Nitrobenzene-d5	8.772	82	14575	0.242	ng		0.00
11) 2-Methylnaphthalene-d10	11.998	152	42308	0.330	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	8058	0.525	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	45645	0.238	ng		0.00
27) Fluoranthene-d10	19.058	212	104680	0.402	ng		0.00
31) Terphenyl-d14	19.673	244	83907	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	46528m	5.400	ng		
3) n-Nitrosodimethylamine	3.576	42	1817	0.131	ng	#	96
6) bis(2-Chloroethyl)ether	7.071	93	15856	0.316	ng		100
9) Naphthalene	10.445	128	57404	0.244	ng		99
10) Hexachlorobutadiene	10.736	225	9048	0.206	ng	#	100
12) 2-Methylnaphthalene	12.074	142	38473	0.257	ng		99
16) Acenaphthylene	13.977	152	54713	0.258	ng		99
17) Acenaphthene	14.332	154	35020	0.250	ng		99
18) Fluorene	15.322	166	46784	0.277	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	2965	0.904	ng	#	67
21) 4-Bromophenyl-phenylether	16.214	248	16936	0.292	ng	#	89
22) Hexachlorobenzene	16.324	284	18499	0.282	ng		99
23) Atrazine	16.494	200	15618	0.340	ng		96
24) Pentachlorophenol	16.677	266	14764	1.139	ng		99
25) Phenanthrene	17.054	178	87202	0.312	ng		100
26) Anthracene	17.151	178	79997	0.320	ng		100
28) Fluoranthene	19.093	202	113153	0.365	ng		100
30) Pyrene	19.455	202	117866	0.355	ng		100
32) Benzo(a)anthracene	21.217	228	122129	0.390	ng		97
33) Chrysene	21.270	228	122734	0.387	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	108087	0.570	ng		100
36) Indeno(1,2,3-cd)pyrene	25.754	276	158780	0.456	ng		100
37) Benzo(b)fluoranthene	22.803	252	134868	0.380	ng		100
38) Benzo(k)fluoranthene	22.848	252	135163	0.396	ng		98
39) Benzo(a)pyrene	23.378	252	125538	0.395	ng		100
40) Dibenzo(a,h)anthracene	25.778	278	129637	0.469	ng		99
41) Benzo(g,h,i)perylene	26.449	276	134251	0.434	ng		99

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

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