Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016328.D
Acq On : 18 Sep 2021 10:56
Operator : CG/JU
Sample : M3733-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SUP-UST-01-(5-7)MS

Manual Integrations APPROVED
mohammad
9/20/2021 4:22:36 PM

Quant Time: Sep 20 00:56:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	27643	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	131329	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	74707	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	144234	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	146928	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	152770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	23803	0.343	ng	0.04
5) Phenol-d6	6.877	99	122108m	1.452	ng	0.00
8) Nitrobenzene-d5	8.822	82	151080	1.936	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	60560	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	7147	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	67613	0.231	ng	0.00
27) Fluoranthene-d10	19.098	212	98822	0.237	ng	0.00
31) Terphenyl-d14	19.708	244	71838	0.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	7397	0.643	ng	# 63
3) n-Nitrosodimethylamine	3.631	42	11154	0.424	ng	# 78
6) bis(2-Chloroethyl)ether	7.126	93	23312	0.311	ng	# 19
9) Naphthalene	10.508	128	623181	1.761	ng	98
10) Hexachlorobutadiene	10.800	225	23269	0.346	ng	# 99
12) 2-Methylnaphthalene	12.123	142	141571	0.604	ng	99
16) Acenaphthylene	14.028	152	117820	0.339	ng	98
17) Acenaphthene	14.370	154	77782	0.361	ng	99
18) Fluorene	15.360	166	98324	0.368	ng	97
20) 4,6-Dinitro-2-methylph...	15.436	198	3694	0.617	ng	# 71
21) 4-Bromophenyl-phenylether	16.263	248	29460	0.349	ng	99
22) Hexachlorobenzene	16.360	284	27616	0.346	ng	# 92
23) Atrazine	16.543	200	25180	0.326	ng	99
24) Pentachlorophenol	16.713	266	7243	0.270	ng	98
25) Phenanthrene	17.103	178	187107	0.459	ng	99
26) Anthracene	17.188	178	147292	0.373	ng	99
28) Fluoranthene	19.127	202	201345	0.429	ng	99
30) Pyrene	19.490	202	199288	0.429	ng	98
32) Benzo(a)anthracene	21.249	228	185381	0.393	ng	100
33) Chrysene	21.302	228	175158	0.384	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	268210	1.054	ng	99
36) Indeno(1,2,3-cd)pyrene	25.822	276	205019	0.416	ng	98
37) Benzo(b)fluoranthene	22.841	252	192910	0.398	ng	99
38) Benzo(k)fluoranthene	22.889	252	182388	0.391	ng	# 95
39) Benzo(a)pyrene	23.426	252	181788	0.414	ng	99
40) Dibenzo(a,h)anthracene	25.846	278	169436	0.405	ng	96
41) Benzo(g,h,i)perylene	26.527	276	170122	0.408	ng	95

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

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