Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016329.D
Acq On : 18 Sep 2021 11:32
Operator : CG/JU
Sample : M3733-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/20/2021 4:22:39 PM

Quant Time: Sep 20 00:56:33 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	7.698	152	26724	0.400	ng	0.00
7) Naphthalene-d8	10.458	136	126347	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	71623	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	138273	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	141125	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	147056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	22565	0.337	ng	0.04
5) Phenol-d6	6.877	99	116789m	1.437	ng	0.00
8) Nitrobenzene-d5	8.823	82	144430	1.924	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	57328	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6810	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	63873	0.228	ng	0.00
27) Fluoranthene-d10	19.098	212	93635	0.234	ng	0.00
31) Terphenyl-d14	19.708	244	68158	0.208	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	7285	0.656	ng	# 63
3) n-Nitrosodimethylamine	3.632	42	10306	0.405	ng	# 82
6) bis(2-Chloroethyl)ether	7.126	93	22005	0.304	ng	# 19
9) Naphthalene	10.508	128	592932	1.742	ng	98
10) Hexachlorobutadiene	10.800	225	22017	0.340	ng	# 100
12) 2-Methylnaphthalene	12.123	142	134142	0.594	ng	99
16) Acenaphthylene	14.028	152	110333	0.331	ng	98
17) Acenaphthene	14.370	154	72810	0.352	ng	100
18) Fluorene	15.360	166	92200	0.360	ng	98
20) 4,6-Dinitro-2-methylph...	15.449	198	3231	0.580	ng	# 70
21) 4-Bromophenyl-phenylether	16.263	248	27859	0.344	ng	100
22) Hexachlorobenzene	16.361	284	26183	0.343	ng	# 92
23) Atrazine	16.543	200	23381	0.316	ng	99
24) Pentachlorophenol	16.713	266	7024	0.273	ng	97
25) Phenanthrene	17.103	178	177895	0.455	ng	99
26) Anthracene	17.188	178	138912	0.367	ng	99
28) Fluoranthene	19.128	202	191414	0.425	ng	99
30) Pyrene	19.490	202	189701	0.425	ng	97
32) Benzo(a)anthracene	21.249	228	177062	0.390	ng	99
33) Chrysene	21.302	228	167193	0.381	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	257735	1.054	ng	99
36) Indeno(1,2,3-cd)pyrene	25.826	276	193916	0.408	ng	99
37) Benzo(b)fluoranthene	22.845	252	181443	0.389	ng	99
38) Benzo(k)fluoranthene	22.889	252	174771	0.389	ng	# 95
39) Benzo(a)pyrene	23.423	252	172005	0.407	ng	99
40) Dibenzo(a,h)anthracene	25.846	278	160860	0.399	ng	97
41) Benzo(g,h,i)perylene	26.524	276	160755	0.401	ng	96

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

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