Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
Data File : BN014109.D
Acq On : 25 Mar 2021 16:48
Operator : CG/JU
Sample : M1787-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D-20210318MSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:30:23 PM

Quant Time: Mar 25 17:25:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	5204	0.40	ng	0.00
7) Naphthalene-d8	10.464	136	20688	0.40	ng	#-0.01
13) Acenaphthene-d10	14.322	164	12173	0.40	ng	0.00
19) Phenanthrene-d10	17.056	188	26521	0.40	ng	-0.01
29) Chrysene-d12	21.230	240	27158	0.40	ng	0.00
36) Perylene-d12	23.435	264	27658	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2082	0.17	ng	0.00
5) Phenol-d6	6.860	99	1874	0.12	ng	0.00
8) Nitrobenzene-d5	8.830	82	4218	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.059	152	11152	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.807	330	1491	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.939	172	14541	0.32	ng	-0.01
27) Fluoranthene-d10	19.085	212	28818	0.39	ng	0.00
31) Terphenyl-d14	19.686	244	24339	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	3974	0.58	ng	# 78
3) n-Nitrosodimethylamine	3.583	42	631	0.14	ng	# 98
6) bis(2-Chloroethyl)ether	7.126	93	4933	0.37	ng	94
9) Naphthalene	10.515	128	17255	0.34	ng	99
10) Hexachlorobutadiene	10.807	225	2487	0.26	ng	# 100
12) 2-Methylnaphthalene	12.130	142	11645	0.34	ng	98
16) Acenaphthylene	14.030	152	16562	0.35	ng	99
17) Acenaphthene	14.373	154	12055	0.35	ng	99
18) Fluorene	15.363	166	15801	0.37	ng	99
20) 4,6-Dinitro-2-methylph...	15.439	198	874	0.29	ng	# 60
21) 4-Bromophenyl-phenylether	16.253	248	4969	0.37	ng	98
22) Hexachlorobenzene	16.375	284	5421	0.35	ng	99
23) Atrazine	16.521	200	2241	0.24	ng	# 91
24) Pentachlorophenol	16.715	266	3112	0.84	ng	94
25) Phenanthrene	17.093	178	35641	0.49	ng	100
26) Anthracene	17.190	178	25757	0.43	ng	100
28) Fluoranthene	19.115	202	40730	0.51	ng	99
30) Pyrene	19.477	202	39637	0.48	ng	99
32) Benzo(a)anthracene	21.219	228	35502	0.46	ng	99
33) Chrysene	21.272	228	35854	0.43	ng	96
34) Bis(2-ethylhexyl)phtha...	21.155	149	16708	0.58	ng	98
35) Indeno(1,2,3-cd)pyrene	25.640	276	40090	0.44	ng	98
37) Benzo(b)fluoranthene	22.775	252	38874	0.39	ng	# 96
38) Benzo(k)fluoranthene	22.819	252	34762m	0.35	ng	
39) Benzo(a)pyrene	23.339	252	26701	0.31	ng	# 92
40) Dibenzo(a,h)anthracene	25.653	278	32938	0.36	ng	99
41) Benzo(g,h,i)perylene	26.314	276	34188	0.36	ng	98

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

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