Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030321\
Data File : BN013821.D
Acq On : 03 Mar 2021 15:52
Operator : CG/JU
Sample : M1544-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT-040-IDWSO-20210301MSD

Quant Time: Mar 03 16:31:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	6167	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	23322	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	12321	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25628	0.40	ng	#-0.01
29) Chrysene-d12	21.292	240	26355	0.40	ng	# 0.00
36) Perylene-d12	23.537	264	26336	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	5232	0.32	ng	0.00
5) Phenol-d6	6.895	99	6910	0.31	ng	0.00
8) Nitrobenzene-d5	8.870	82	5678	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	11458	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	1306	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	16005	0.37	ng	-0.01
27) Fluoranthene-d10	19.144	212	20417	0.27	ng	-0.01
31) Terphenyl-d14	19.749	244	15561	0.27	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	2240	0.30	ng	# 30
3) n-Nitrosodimethylamine	3.577	42	2671	0.46	ng	# 91
6) bis(2-Chloroethyl)ether	7.161	93	6654	0.43	ng	95
9) Naphthalene	10.568	128	22578	0.39	ng	99
10) Hexachlorobutadiene	10.860	225	4033	0.37	ng	# 100
12) 2-Methylnaphthalene	12.182	142	15165	0.38	ng	99
16) Acenaphthylene	14.080	152	20094	0.36	ng	100
17) Acenaphthene	14.435	154	13304	0.39	ng	98
18) Fluorene	15.412	166	16200	0.37	ng	99
20) 4,6-Dinitro-2-methylph...	15.488	198	745	0.42	ng	# 59
21) 4-Bromophenyl-phenylether	16.313	248	5336	0.38	ng	# 90
22) Hexachlorobenzene	16.423	284	5769	0.40	ng	99
23) Atrazine	16.581	200	2906	0.22	ng	96
24) Pentachlorophenol	16.763	266	1080	0.23	ng	94
25) Phenanthrene	17.153	178	31529	0.47	ng	100
26) Anthracene	17.250	178	24928	0.38	ng	99
28) Fluoranthene	19.173	202	42283	0.53	ng	99
30) Pyrene	19.536	202	43046	0.53	ng	98
32) Benzo(a)anthracene	21.271	228	38609	0.48	ng	96
33) Chrysene	21.324	228	37440	0.47	ng	99
34) Bis(2-ethylhexyl)phtha...	21.218	149	21973	0.57	ng	99
35) Indeno(1,2,3-cd)pyrene	25.793	276	44513	0.46	ng	98
37) Benzo(b)fluoranthene	22.859	252	43405	0.52	ng	97
38) Benzo(k)fluoranthene	22.907	252	37397	0.46	ng	97
39) Benzo(a)pyrene	23.434	252	36251	0.48	ng	94
40) Dibenzo(a,h)anthracene	25.810	278	32624	0.41	ng	97
41) Benzo(g,h,i)perylene	26.481	276	39375	0.49	ng	99

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

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