Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
Data File : BN014040.D
Acq On : 23 Mar 2021 13:41
Operator : CG/JU
Sample : M1735-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D1-20210315MS

Manual Integrations APPROVED
mohammad
3/24/2021 1:55:29 PM

Quant Time: Mar 23 14:11:40 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	7.700	152	4933	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	18783	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	10692	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	23867	0.40	ng	#-0.01
29) Chrysene-d12	21.239	240	24653	0.40	ng	# 0.00
36) Perylene-d12	23.448	264	23122	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1579	0.14	ng	0.00
5) Phenol-d6	6.863	99	1261	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	3557	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9258	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1125	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	12116	0.30	ng	0.00
27) Fluoranthene-d10	19.089	212	27042	0.41	ng	0.00
31) Terphenyl-d14	19.690	244	26245	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	4691	0.72	ng	# 83
3) n-Nitrosodimethylamine	3.561	42	974	0.22	ng	# 67
6) bis(2-Chloroethyl)ether	7.128	93	4499	0.36	ng	95
9) Naphthalene	10.518	128	15600	0.33	ng	100
10) Hexachlorobutadiene	10.809	225	2396	0.27	ng	# 99
12) 2-Methylnaphthalene	12.137	142	10345	0.33	ng	99
16) Acenaphthylene	14.042	152	13825	0.34	ng	100
17) Acenaphthene	14.384	154	10142	0.34	ng	98
18) Fluorene	15.374	166	12819	0.34	ng	99
20) 4,6-Dinitro-2-methylph...	15.450	198	757	0.28	ng	# 79
21) 4-Bromophenyl-phenylether	16.264	248	4309	0.35	ng	# 83
22) Hexachlorobenzene	16.374	284	4540	0.32	ng	98
23) Atrazine	16.532	200	2603	0.31	ng	100
24) Pentachlorophenol	16.715	266	2246	0.67	ng	96
25) Phenanthrene	17.104	178	28442	0.44	ng	100
26) Anthracene	17.189	178	21728	0.40	ng	100
28) Fluoranthene	19.124	202	34213	0.47	ng	99
30) Pyrene	19.486	202	35066	0.46	ng	99
32) Benzo(a)anthracene	21.218	228	31361	0.45	ng	97
33) Chrysene	21.271	228	32790	0.43	ng	100
34) Bis(2-ethylhexyl)phtha...	21.165	149	11802	0.45	ng	99
35) Indeno(1,2,3-cd)pyrene	25.656	276	35542	0.43	ng	99
37) Benzo(b)fluoranthene	22.787	252	34923	0.42	ng	100
38) Benzo(k)fluoranthene	22.828	252	32810m	0.40	ng	
39) Benzo(a)pyrene	23.352	252	27829	0.39	ng	99
40) Dibenzo(a,h)anthracene	25.669	278	29726	0.39	ng	98
41) Benzo(g,h,i)perylene	26.334	276	29252	0.36	ng	99

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

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