Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101118.D
Acq On : 22 Jan 2020 17:16
Operator : CG/JU
Sample : L1148-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-29-(4-6)MSD

Manual Integrations APPROVED
mohammad
1/23/2020 1:53:39 PM

Quant Time: Jan 23 04:34:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2618	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	11974	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7030	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15718	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16905	0.40	ng	-0.01
34) Perylene-d12	23.69	264	21348	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1967	0.33	ng	0.00
5) Phenol-d6	6.91	99	2987	0.40	ng	-0.01
8) Nitrobenzene-d5	8.87	82	2482	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	5319	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	455	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7375	0.28	ng	-0.01
25) Fluoranthene-d10	19.12	212	49768	0.23	ng	-0.01
29) Terphenyl-d14	19.72	244	12858	0.31	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	2761	0.454	ng	# 53
3) n-Nitrosodimethylamine	3.59	42	1032	0.284	ng	# 81
6) bis(2-Chloroethyl)ether	7.15	93	1991	0.224	ng	85
9) Naphthalene	10.54	128	62669	0.471	ng	100
10) Hexachlorobutadiene	10.83	225	1461	0.259	ng	97
12) 2-Methylnaphthalene	12.17	142	6805	0.338	ng	98
16) Acenaphthylene	14.07	152	11791	0.412	ng	100
17) Acenaphthene	14.41	154	6068	0.296	ng	99
18) Fluorene	15.39	166	9357	0.361	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	1989	0.259	ng	96
21) Hexachlorobenzene	16.40	284	2075	0.247	ng	98
23) Phenanthrene	17.13	178	31755	0.740	ng	99
24) Anthracene	17.23	178	17106	0.422	ng	98
26) Fluoranthene	19.15	202	45478	0.846	ng	100
28) Pyrene	19.51	202	49424	0.785	ng	99
30) Benzo(a)anthracene	21.26	228	35159	0.729	ng	95
31) Chrysene	21.31	228	37504	0.523	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	60084	0.747	ng	99
33) Indeno(1,2,3-cd)pyrene	26.25	276	33123	0.585	ng	95
35) Benzo(b)fluoranthene	22.95	252	42504	0.710	ng	98
36) Benzo(k)fluoranthene	23.00	252	33616m	0.387	ng	
37) Benzo(a)pyrene	23.59	252	35264	0.609	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	17394	0.327	ng	95
39) Benzo(g,h,i)perylene	27.02	276	33712	0.515	ng	98

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

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