Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
Data File : BE101141.D
Acq On : 7 Feb 2020 17:06
Operator : CG/JU
Sample : SP5041
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SP5041

Manual Integrations APPROVED
mohammad
2/11/2020 8:27:10 AM

Quant Time: Feb 07 18:19:48 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	7.70	152	1987	0.40	ng	-0.03
7) Naphthalene-d8	10.47	136	8246	0.40	ng	-0.03
13) Acenaphthene-d10	14.34	164	4618	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	9877	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	7832	0.40	ng	-0.01
34) Perylene-d12	23.68	264	10223	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3	0.00	ng	-0.02
5) Phenol-d6	6.93	99	11	0.00	ng	0.01
8) Nitrobenzene-d5	8.87	82	49	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.07	152	211	0.01	ng	-0.04
14) 2,4,6-Tribromophenol	15.83	330	2	0.00	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	8	0.00	ng	0.01
25) Fluoranthene-d10	19.12	212	9	0.00	ng	-0.02
29) Terphenyl-d14	19.72	244	7	0.00	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	1902	0.395	ng	# 42
3) n-Nitrosodimethylamine	3.58	42	1188	0.430	ng	# 78
6) bis(2-Chloroethyl)ether	7.15	93	2980m	0.442	ng	
9) Naphthalene	10.52	128	43401	0.474	ng	100
10) Hexachlorobutadiene	10.81	225	1838	0.474	ng	98
12) 2-Methylnaphthalene	12.17	142	5990	0.432	ng	99
16) Acenaphthylene	14.05	152	9809	0.522	ng	99
17) Acenaphthene	14.40	154	6207	0.461	ng	99
18) Fluorene	15.38	166	7464	0.439	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2286	0.475	ng	# 92
21) Hexachlorobenzene	16.38	284	2434	0.461	ng	98
23) Phenanthrene	17.12	178	11610	0.430	ng	99
24) Anthracene	17.21	178	12021	0.472	ng	99
26) Fluoranthene	19.14	202	13571	0.402	ng	99
28) Pyrene	19.51	202	14315	0.491	ng	100
30) Benzo(a)anthracene	21.25	228	9037	0.404	ng	99
31) Chrysene	21.29	228	16588	0.499	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	20920	0.562	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	18621	0.710	ng	96
35) Benzo(b)fluoranthene	22.94	252	10502	0.366	ng	98
36) Benzo(k)fluoranthene	22.99	252	17931m	0.432	ng	
37) Benzo(a)pyrene	23.58	252	13416	0.484	ng	99
38) Dibenzo(a,h)anthracene	26.25	278	14921	0.585	ng	96
39) Benzo(g,h,i)perylene	27.00	276	17735	0.565	ng	99

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

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