Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099820.D
Acq On : 6 Jun 2019 13:54
Operator : JU/SJ
Sample : K3190-16MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304S-20190604MS

Manual Integrations APPROVED
mohammad
6/7/2019 2:10:40 PM

Quant Time: Jun 07 04:20:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1045	0.40	ng		0.01
7) Naphthalene-d8	10.63	136	3607	0.40	ng		0.01
13) Acenaphthene-d10	14.48	164	2447	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	8983	0.40	ng		0.00
27) Chrysene-d12	21.41	240	16509	0.40	ng		0.00
34) Perylene-d12	23.95	264	18561	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	449	0.18	ng		0.01
5) Phenol-d6	7.00	99	351	0.11	ng		0.04
8) Nitrobenzene-d5	8.98	82	1159	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	2903	0.47	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	536	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	3448	0.38	ng		0.01
25) Fluoranthene-d10	19.26	212	54292	0.41	ng		0.00
29) Terphenyl-d14	19.86	244	13203	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	451	0.298	ng	#	64
3) n-Nitrosodimethylamine	3.61	42	171	0.213	ng	#	90
6) bis(2-Chloroethyl)ether	7.24	93	1117	0.390	ng		99
9) Naphthalene	10.68	128	14737	0.383	ng		99
10) Hexachlorobutadiene	10.95	225	952	0.325	ng		96
12) 2-Methylnaphthalene	12.31	142	2211	0.360	ng		95
16) Acenaphthylene	14.21	152	4476	0.379	ng		98
17) Acenaphthene	14.54	154	2518	0.390	ng		99
18) Fluorene	15.53	166	3757	0.395	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	1781	0.355	ng	#	88
21) Hexachlorobenzene	16.53	284	1982m	0.361	ng		
22) Pentachlorophenol	16.89	266	1125	0.903	ng		88
23) Phenanthrene	17.27	178	8328	0.388	ng		98
24) Anthracene	17.36	178	8750m	0.452	ng		
26) Fluoranthene	19.29	202	16322	0.434	ng		100
28) Pyrene	19.66	202	17444	0.437	ng		100
30) Benzo(a)anthracene	21.39	228	21045	0.461	ng		99
31) Chrysene	21.45	228	21624	0.429	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	24048	0.459	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	23890	0.396	ng		99
35) Benzo(b)fluoranthene	23.16	252	20911	0.407	ng	#	97
36) Benzo(k)fluoranthene	23.22	252	23286	0.427	ng		100
37) Benzo(a)pyrene	23.84	252	19988	0.401	ng	#	92
38) Dibenzo(a,h)anthracene	26.67	278	18822	0.371	ng		97
39) Benzo(g,h,i)perylene	27.47	276	21143	0.397	ng		100

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

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