Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
Data File : BM018677.D
Acq On : 29 Jan 2019 14:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/30/2019 11:10:30 AM

Quant Time: Jan 30 00:14:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	241074	20.00	ng		-0.02
21) Naphthalene-d8	10.52	136	891836	20.00	ng		-0.01
39) Acenaphthene-d10	14.37	164	461856	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	1002852	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	1067895	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1094643	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1099827	84.24	ng		-0.02
7) Phenol-d6	6.90	99	1387569	83.68	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1342751	87.28	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	475757	80.90	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	2800982	79.13	ng		-0.01
79) Terphenyl-d14	19.76	244	4054984	80.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	233398	43.862	ng	#	84
3) Pyridine	3.66	79	604499	45.566	ng	#	77
4) n-Nitrosodimethylamine	3.58	42	175750	32.037	ng	#	52
6) Aniline	7.06	93	816659	44.150	ng		99
8) 2-Chlorophenol	7.29	128	596639	39.129	ng		99
9) Benzaldehyde	6.88	77	367526	37.950	ng		91
10) Phenol	6.92	94	704899	41.833	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	549366	41.492	ng		95
12) 1,3-Dichlorobenzene	7.61	146	700299	38.565	ng		96
13) 1,4-Dichlorobenzene	7.76	146	710864	38.623	ng		99
14) 1,2-Dichlorobenzene	8.08	146	672216	38.518	ng		99
15) Benzyl Alcohol	7.97	79	525451	43.872	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.26	45	484792	28.651	ng		75
17) 2-Methylphenol	8.17	107	456169	39.882	ng		97
18) Hexachloroethane	8.79	117	258235	39.351	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	453443	42.019	ng	#	75
20) 3+4-Methylphenols	8.49	107	626578	39.682	ng		98
22) Acetophenone	8.55	105	884432	40.089	ng	#	91
24) Nitrobenzene	8.93	77	668303	44.150	ng		96
25) Isophorone	9.45	82	977312	41.952	ng		97
26) 2-Nitrophenol	9.64	139	308425	42.139	ng		95
27) 2,4-Dimethylphenol	9.69	122	435376	39.685	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	674481	41.911	ng		98
29) 2,4-Dichlorophenol	10.16	162	524035	40.114	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	621714	38.343	ng		99
31) Naphthalene	10.56	128	1648852	38.389	ng		100
32) Benzoic acid	9.83	122	313173m	43.157	ng		
33) 4-Chloroaniline	10.69	127	709261	41.930	ng		98
34) Hexachlorobutadiene	10.83	225	400893	39.136	ng		99
35) Caprolactam	11.49	113	164626	37.066	ng	#	75
36) 4-Chloro-3-methylphenol	11.81	107	545526	39.804	ng		95
37) 2-Methylnaphthalene	12.18	142	1117809	36.835	ng		98
38) 1-Methylnaphthalene	12.40	142	1079557	36.766	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	659518	40.835	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	339303	38.278	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	410979	41.903	ng		98
44) 2,4,5-Trichlorophenol	12.87	196	426592	41.357	ng		97
46) 1,1'-Biphenyl	13.20	154	1575931	39.079	ng		99
47) 2-Chloronaphthalene	13.25	162	1223708	39.131	ng		100
48) 2-Nitroaniline	13.47	65	334405	43.465	ng		97
49) Acenaphthylene	14.10	152	1782409	39.111	ng		99
50) Dimethylphthalate	13.84	163	1428744	37.667	ng		100
51) 2,6-Dinitrotoluene	13.96	165	313502	39.019	ng		96
52) Acenaphthene	14.44	154	1076432	38.603	ng		97
53) 3-Nitroaniline	14.30	138	330972	40.860	ng		93
54) 2,4-Dinitrophenol	14.50	184	145239	37.587	ng		93
55) Dibenzofuran	14.77	168	1750645	37.997	ng		98
56) 4-Nitrophenol	14.60	139	261821	37.415	ng		89
57) 2,4-Dinitrotoluene	14.75	165	428320	37.677	ng		94
58) Fluorene	15.43	166	1310495	38.183	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	362320	39.628	ng		98
60) Diethylphthalate	15.20	149	1431855	37.393	ng		100
61) 4-Chlorophenyl-phenylether	15.42	204	751004	37.966	ng		98
62) 4-Nitroaniline	15.46	138	315435	35.702	ng		93
63) Azobenzene	15.72	77	1384205	44.337	ng		92
65) 4,6-Dinitro-2-methylphenol	15.51	198	248643	39.921	ng		89
66) n-Nitrosodiphenylamine	15.64	169	1233586	39.655	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	442587	39.438	ng		97
68) Hexachlorobenzene	16.42	284	490896	39.073	ng		99
69) Atrazine	16.60	200	423688	37.674	ng		98
70) Pentachlorophenol	16.77	266	331561	40.296	ng		98
71) Phenanthrene	17.17	178	2041706	38.276	ng		100
72) Anthracene	17.26	178	2011149	39.209	ng		100
73) Carbazole	17.54	167	2045971	38.824	ng		99
74) Di-n-butylphthalate	18.09	149	2318642	40.167	ng		100
75) Fluoranthene	19.19	202	2349752	38.208	ng		99
77) Benzidine	19.39	184	1155520	43.823	ng		100
78) Pyrene	19.56	202	2472888	39.067	ng		100
80) Butylbenzylphthalate	20.46	149	1060035	39.245	ng		95
81) Benzo(a)anthracene	21.30	228	2431004	38.642	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	963535	40.502	ng		99
83) Chrysene	21.36	228	2343674	38.579	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1527488	39.163	ng		99
85) Di-n-octyl phthalate	22.12	149	2599677	39.629	ng	#	91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2782450	39.720	ng		97
88) Benzo(b)fluoranthene	22.90	252	2440074	39.264	ng		99
89) Benzo(k)fluoranthene	22.95	252	2354998	37.602	ng		98
90) Benzo(a)pyrene	23.49	252	2295006	38.575	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2356681	39.093	ng		99
92) Benzo(g,h,i)perylene	26.60	276	2309797	39.374	ng		98

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

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