Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018669.D
Acq On : 28 Jan 2019 18:08
Operator : JU/SJ
Sample : PB116655BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Manual Integrations APPROVED
mohammad
1/29/2019 10:06:41 AM

Quant Time: Jan 29 00:52:07 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	199135	20.00	ng		-0.02
21) Naphthalene-d8	10.52	136	782581	20.00	ng		-0.01
39) Acenaphthene-d10	14.37	164	442729	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	1009388	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	1113553	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1131980	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1551205	143.84	ng		-0.01
7) Phenol-d6	6.90	99	1928846	140.82	ng		0.00
23) Nitrobenzene-d5	8.89	82	1065998	78.97	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	820220	145.50	ng		-0.01
45) 2-Fluorobiphenyl	12.99	172	2646208	77.99	ng		-0.01
79) Terphenyl-d14	19.76	244	4434245	83.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	151874	34.552	ng		99
3) Pyridine	3.66	79	412271	37.621	ng		97
4) n-Nitrosodimethylamine	3.58	42	203154	44.831	ng	#	93
6) Aniline	7.06	93	469884	30.752	ng		99
8) 2-Chlorophenol	7.29	128	524408	41.635	ng		94
9) Benzaldehyde	6.88	77	116910	12.287	ng		98
10) Phenol	6.93	94	575149	41.321	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	418588	38.273	ng		95
12) 1,3-Dichlorobenzene	7.61	146	568165	37.878	ng		99
13) 1,4-Dichlorobenzene	7.76	146	581289	38.235	ng		99
14) 1,2-Dichlorobenzene	8.07	146	559010	38.777	ng		99
15) Benzyl Alcohol	7.97	79	405172	40.954	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	536781	38.405	ng		95
17) 2-Methylphenol	8.17	107	394144	41.717	ng		97
18) Hexachloroethane	8.79	117	209167	38.586	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	337689	37.883	ng		94
20) 3+4-Methylphenols	8.50	107	537312	41.196	ng		98
22) Acetophenone	8.55	105	698904	36.102	ng	#	98
24) Nitrobenzene	8.93	77	505550	38.061	ng		96
25) Isophorone	9.45	82	898970	43.976	ng		99
26) 2-Nitrophenol	9.64	139	273521	42.587	ng		98
27) 2,4-Dimethylphenol	9.69	122	448436	46.582	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	559907	39.649	ng		98
29) 2,4-Dichlorophenol	10.16	162	480479	41.915	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	540022	37.954	ng		99
31) Naphthalene	10.57	128	1547243	41.053	ng		100
32) Benzoic acid	9.83	122	319303m	49.092	ng		
33) 4-Chloroaniline	10.69	127	303407	20.441	ng		98
34) Hexachlorobutadiene	10.83	225	325982	36.265	ng		98
35) Caprolactam	11.49	113	132776m	34.068	ng		
36) 4-Chloro-3-methylphenol	11.81	107	484170	40.259	ng		99
37) 2-Methylnaphthalene	12.18	142	1134960	42.621	ng		99
38) 1-Methylnaphthalene	12.40	142	1078057	41.841	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	590564	38.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	656224	77.230	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	391308	41.621	ng		100
44) 2,4,5-Trichlorophenol	12.87	196	422132	42.692	ng		97
46) 1,1'-Biphenyl	13.20	154	1431617	37.034	ng		99
47) 2-Chloronaphthalene	13.25	162	1120668	37.384	ng		99
48) 2-Nitroaniline	13.46	65	295049	40.007	ng		98
49) Acenaphthylene	14.10	152	1808386	41.395	ng		100
50) Dimethylphthalate	13.84	163	1381158	37.986	ng		99
51) 2,6-Dinitrotoluene	13.96	165	301570	39.155	ng		97
52) Acenaphthene	14.44	154	1035279	38.732	ng		99
53) 3-Nitroaniline	14.30	138	208484	26.850	ng		98
54) 2,4-Dinitrophenol	14.50	184	329053	79.018	ng		94
55) Dibenzofuran	14.77	168	1682968	38.107	ng		99
56) 4-Nitrophenol	14.61	139	553632	82.533	ng		96
57) 2,4-Dinitrotoluene	14.75	165	424500	38.954	ng		98
58) Fluorene	15.43	166	1353400	41.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	382850	43.683	ng		97
60) Diethylphthalate	15.20	149	1400587	38.157	ng		100
61) 4-Chlorophenyl-phenylether	15.42	204	696396	36.726	ng		99
62) 4-Nitroaniline	15.47	138	291599	34.430	ng		98
63) Azobenzene	15.72	77	1157898	38.691	ng		97
65) 4,6-Dinitro-2-methylphenol	15.52	198	217421	35.390	ng		89
66) n-Nitrosodiphenylamine	15.64	169	1187536	37.927	ng		100
67) 4-Bromophenyl-phenylether	16.32	248	421651	37.329	ng		98
68) Hexachlorobenzene	16.42	284	470631	37.218	ng		99
69) Atrazine	16.60	200	429630	37.955	ng		99
70) Pentachlorophenol	16.77	266	609267	73.568	ng		98
71) Phenanthrene	17.17	178	2190209	40.794	ng		100
72) Anthracene	17.26	178	2213685	42.878	ng		100
73) Carbazole	17.54	167	2014218	37.974	ng		99
74) Di-n-butylphthalate	18.09	149	2402546	41.351	ng		99
75) Fluoranthene	19.19	202	2630734	42.500	ng		98
77) Benzidine	19.39	184	1400398	50.932	ng		100
78) Pyrene	19.56	202	2734872	41.434	ng		100
80) Butylbenzylphthalate	20.46	149	1173967	41.681	ng		98
81) Benzo(a)anthracene	21.30	228	2723119	41.510	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	731706	29.496	ng		99
83) Chrysene	21.36	228	2568784	40.550	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1690095	41.555	ng		100
85) Di-n-octyl phthalate	22.12	149	2957174	43.230	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3120011	42.713	ng		97
88) Benzo(b)fluoranthene	22.90	252	2696961	41.966	ng		99
89) Benzo(k)fluoranthene	22.95	252	2661366	41.093	ng		99
90) Benzo(a)pyrene	23.49	252	2639520	42.902	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2623143	42.078	ng		98
92) Benzo(g,h,i)perylene	26.60	276	2563876	42.263	ng		98

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

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