Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018727.D
Acq On : 04 Feb 2019 20:13
Operator : JU/SJ
Sample : PB116799BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116799BS

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:32 AM

Quant Time: Feb 05 03:59:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	271375	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	1000707	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	503523	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1002484	20.00	ng		0.00
76) Chrysene-d12	21.31	240	897687	20.00	ng		0.00
87) Perylene-d12	23.57	264	892113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2036184	138.55	ng		0.00
7) Phenol-d6	6.90	99	2472729	132.47	ng		0.00
23) Nitrobenzene-d5	8.89	82	1359734	78.77	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	836840	130.53	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	3146517	81.54	ng		0.00
79) Terphenyl-d14	19.75	244	3856695	90.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	219543	36.651	ng		97
3) Pyridine	3.66	79	565141	37.843	ng		98
4) n-Nitrosodimethylamine	3.58	42	279385	45.241	ng	#	95
6) Aniline	7.06	93	686828	32.985	ng		100
8) 2-Chlorophenol	7.29	128	683930	39.845	ng		95
9) Benzaldehyde	6.87	77	135393	10.293	ng		98
10) Phenol	6.92	94	739531	38.988	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	557751	37.422	ng		97
12) 1,3-Dichlorobenzene	7.60	146	778461	38.082	ng		99
13) 1,4-Dichlorobenzene	7.75	146	788245	38.045	ng		99
14) 1,2-Dichlorobenzene	8.06	146	746063	37.976	ng		99
15) Benzyl Alcohol	7.97	79	510032	37.830	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	749470	39.348	ng		96
17) 2-Methylphenol	8.16	107	503099	39.074	ng		99
18) Hexachloroethane	8.78	117	278761	37.736	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	422874	34.811	ng		95
20) 3+4-Methylphenols	8.49	107	673857	37.911	ng		99
22) Acetophenone	8.55	105	886420	35.808	ng	#	98
24) Nitrobenzene	8.93	77	666907	39.265	ng		97
25) Isophorone	9.45	82	1098327	42.017	ng		98
26) 2-Nitrophenol	9.63	139	342817	41.742	ng		96
27) 2,4-Dimethylphenol	9.69	122	552749	44.903	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	708734	39.248	ng		100
29) 2,4-Dichlorophenol	10.16	162	585434	39.939	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	694886	38.193	ng		99
31) Naphthalene	10.56	128	1983667	41.160	ng		99
32) Benzoic acid	9.83	122	330945m	41.023	ng		
33) 4-Chloroaniline	10.69	127	272660	14.366	ng		99
34) Hexachlorobutadiene	10.82	225	422248	36.736	ng		98
35) Caprolactam	11.49	113	143639m	28.822	ng		
36) 4-Chloro-3-methylphenol	11.80	107	564635	36.716	ng		98
37) 2-Methylnaphthalene	12.17	142	1387411	40.745	ng		99
38) 1-Methylnaphthalene	12.40	142	1310269	39.769	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	713205	40.505	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	903845	93.529	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	447260	41.829	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	464800	41.332	ng	97
46) 1,1'-Biphenyl	13.20	154	1695204	38.558	ng	99
47) 2-Chloronaphthalene	13.24	162	1312247	38.490	ng	100
48) 2-Nitroaniline	13.46	65	317743	37.882	ng	94
49) Acenaphthylene	14.09	152	2053138	41.324	ng	99
50) Dimethylphthalate	13.83	163	1515654	36.652	ng	100
51) 2,6-Dinitrotoluene	13.96	165	328852	37.542	ng	93
52) Acenaphthene	14.43	154	1179705	38.806	ng	98
53) 3-Nitroaniline	14.29	138	198078	22.430	ng	99
54) 2,4-Dinitrophenol	14.50	184	329332	70.400	ng	91
55) Dibenzofuran	14.77	168	1857387	36.978	ng	99
56) 4-Nitrophenol	14.60	139	529546	69.411	ng	97
57) 2,4-Dinitrotoluene	14.74	165	437763	35.321	ng	97
58) Fluorene	15.42	166	1475062	39.422	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	396919	39.820	ng	99
60) Diethylphthalate	15.20	149	1487215	35.625	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	755933	35.053	ng	98
62) 4-Nitroaniline	15.46	138	284409	29.526	ng	99
63) Azobenzene	15.71	77	1240550	36.448	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	225493	36.718	ng	87
66) n-Nitrosodiphenylamine	15.63	169	1241041	39.909	ng	98
67) 4-Bromophenyl-phenylether	16.31	248	435954	38.861	ng	97
68) Hexachlorobenzene	16.42	284	483883	38.529	ng	98
69) Atrazine	16.59	200	420114	37.370	ng	99
70) Pentachlorophenol	16.76	266	573249	69.696	ng	99
71) Phenanthrene	17.16	178	2155269	40.420	ng	100
72) Anthracene	17.25	178	2177654	42.470	ng	100
73) Carbazole	17.53	167	1879216	35.673	ng	100
74) Di-n-butylphthalate	18.09	149	2256117	39.098	ng	99
75) Fluoranthene	19.18	202	2333038	37.950	ng	99
77) Benzidine	19.38	184	810449	36.564	ng	100
78) Pyrene	19.54	202	2350357	44.171	ng	100
80) Butylbenzylphthalate	20.45	149	956887	42.144	ng	95
81) Benzo(a)anthracene	21.30	228	2194137	41.489	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	599833	29.995	ng	99
83) Chrysene	21.35	228	2080415	40.738	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1325372	40.424	ng	99
85) Di-n-octyl phthalate	22.10	149	2221160	40.279	ng	96
86) Indeno(1,2,3-cd)pyrene	25.87	276	2642135	44.868	ng	97
88) Benzo(b)fluoranthene	22.89	252	2193259	43.305	ng	99
89) Benzo(k)fluoranthene	22.93	252	2046304	40.091	ng	100
90) Benzo(a)pyrene	23.47	252	2094616	43.199	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	2218234	45.150	ng	99
92) Benzo(g,h,i)perylene	26.57	276	2228685	46.616	ng	98

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

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