Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115279.D
Acq On : 28 Jun 2019 14:14
Operator : HP/JU
Sample : PB120920BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:44 PM

Quant Time: Jun 29 04:49:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	239122	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	931395	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	454678	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	880347	20.00	ng		0.00
76) Chrysene-d12	13.72	240	619329	20.00	ng		0.00
87) Perylene-d12	15.08	264	767536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1793110	115.72	ng		0.02
7) Phenol-d6	6.25	99	2228126	118.47	ng		0.01
23) Nitrobenzene-d5	7.17	82	1381032	91.21	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	646767	134.89	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2563214	95.76	ng		0.00
79) Terphenyl-d14	12.68	244	2739862	94.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	243432	33.287	ng		98
3) Pyridine	2.87	79	698330	33.880	ng		99
4) n-Nitrosodimethylamine	2.82	42	302053	37.381	ng		95
6) Aniline	6.26	93	654560	25.323	ng	#	1
8) 2-Chlorophenol	6.39	128	743315	42.661	ng		96
9) Benzaldehyde	6.14	77	145649	11.870	ng		99
10) Phenol	6.26	94	831601	37.747	ng		95
11) bis(2-Chloroethyl)ether	6.34	93	683225	42.071	ng		99
12) 1,3-Dichlorobenzene	6.54	146	794810	41.103	ng		99
13) 1,4-Dichlorobenzene	6.62	146	800305	41.272	ng		99
14) 1,2-Dichlorobenzene	6.77	146	749305	41.727	ng		99
15) Benzyl Alcohol	6.75	79	548109	40.022	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	969989	41.182	ng		99
17) 2-Methylphenol	6.87	107	605162	42.078	ng		98
18) Hexachloroethane	7.11	117	288450	41.262	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	478401	39.731	ng		99
20) 3+4-Methylphenols	7.02	107	713707	42.977	ng		90
22) Acetophenone	7.01	105	978283	45.880	ng	#	96
24) Nitrobenzene	7.18	77	739857	44.355	ng		98
25) Isophorone	7.42	82	1373213	44.273	ng		99
26) 2-Nitrophenol	7.50	139	425068	51.602	ng		97
27) 2,4-Dimethylphenol	7.55	122	664426	49.263	ng		97
28) bis(2-Chloroethoxy)methane	7.64	93	863710	44.058	ng		100
29) 2,4-Dichlorophenol	7.74	162	653420	46.946	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	703167	45.737	ng		99
31) Naphthalene	7.90	128	2077618	45.442	ng		100
32) Benzoic acid	7.69	122	516341	53.633	ng		97
33) 4-Chloroaniline	7.95	127	336785	16.118	ng		98
34) Hexachlorobutadiene	8.03	225	382010	45.342	ng		99
35) Caprolactam	8.32	113	212475m	45.405	ng		
36) 4-Chloro-3-methylphenol	8.44	107	651087	46.190	ng		99
37) 2-Methylnaphthalene	8.60	142	1422944	46.159	ng		99
38) 1-Methylnaphthalene	8.69	142	1355838	46.052	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	600675	46.751	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	727083	95.435	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	471720	47.555	ng		100
44) 2,4,5-Trichlorophenol	8.91	196	497857	48.737	ng		99
46) 1,1'-Biphenyl	9.06	154	1642845	45.157	ng		98
47) 2-Chloronaphthalene	9.08	162	1331551	45.121	ng		97
48) 2-Nitroaniline	9.17	65	385690	44.829	ng		95
49) Acenaphthylene	9.49	152	2064495	44.902	ng		99
50) Dimethylphthalate	9.37	163	1528997	45.708	ng		100
51) 2,6-Dinitrotoluene	9.42	165	360051	46.621	ng		97
52) Acenaphthene	9.66	154	1232317	42.832	ng		99
53) 3-Nitroaniline	9.58	138	240209	25.488	ng		98
54) 2,4-Dinitrophenol	9.69	184	423852	104.210	ng		95
55) Dibenzofuran	9.84	168	1807880	43.781	ng		99
56) 4-Nitrophenol	9.75	139	654784	86.661	ng		94
57) 2,4-Dinitrotoluene	9.82	165	488762	49.014	ng		92
58) Fluorene	10.17	166	1265705	46.215	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	428953	50.079	ng		98
60) Diethylphthalate	10.07	149	1517818	45.139	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	617345	47.652	ng		99
62) 4-Nitroaniline	10.20	138	404305	42.763	ng		100
63) Azobenzene	10.33	77	1383874	44.062	ng		99
65) 4,6-Dinitro-2-methylphenol	10.22	198	248699	52.567	ng		90
66) n-Nitrosodiphenylamine	10.29	169	1272416	46.393	ng		99
67) 4-Bromophenyl-phenylether	10.65	248	447713	46.907	ng		98
68) Hexachlorobenzene	10.72	284	487764	47.080	ng		96
69) Atrazine	10.82	200	422594	47.898	ng		99
70) Pentachlorophenol	10.91	266	593533	89.926	ng		98
71) Phenanthrene	11.12	178	2080438	43.892	ng		100
72) Anthracene	11.18	178	2116304	44.231	ng		98
73) Carbazole	11.33	167	1927748	45.120	ng		99
74) Di-n-butylphthalate	11.68	149	2291378	46.411	ng		98
75) Fluoranthene	12.30	202	2158529	45.642	ng		100
77) Benzidine	12.42	184	723349	26.303	ng		99
78) Pyrene	12.53	202	2189273	45.997	ng		99
80) Butylbenzylphthalate	13.16	149	1048650	49.925	ng		98
81) Benzo(a)anthracene	13.71	228	2005637	45.132	ng		99
82) 3,3'-Dichlorobenzidine	13.68	252	515029	32.094	ng		98
83) Chrysene	13.75	228	1962207	48.203	ng		99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1388938	50.465	ng	#	99
85) Di-n-octyl phthalate	14.34	149	2378107	51.427	ng		99
86) Indeno(1,2,3-cd)pyrene	16.35	276	2513245	52.176	ng		99
88) Benzo(b)fluoranthene	14.71	252	2231767	46.600	ng		99
89) Benzo(k)fluoranthene	14.74	252	1906407	44.388	ng		97
90) Benzo(a)pyrene	15.03	252	2086942	48.347	ng		99
91) Dibenzo(a,h)anthracene	16.37	278	2050381	50.880	ng		100
92) Benzo(g,h,i)perylene	16.74	276	2147020	52.641	ng		98

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

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