Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115096.D
Acq On : 21 Jun 2019 23:37
Operator : HP/JU
Sample : PB120612BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120612BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:26 PM

Quant Time: Jun 22 05:22:08 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240364	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	951630	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	475024	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	932745	20.00	ng		0.00
76) Chrysene-d12	13.74	240	676547	20.00	ng		0.00
87) Perylene-d12	15.11	264	778010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1702939	109.33	ng		0.02
7) Phenol-d6	6.26	99	2081695	110.11	ng		0.00
23) Nitrobenzene-d5	7.18	82	1286600	83.17	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	610165	121.81	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2464641	88.13	ng		0.00
79) Terphenyl-d14	12.71	244	2622288	82.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	295433	40.189	ng		99
3) Pyridine	2.94	79	812484	39.214	ng		98
4) n-Nitrosodimethylamine	2.89	42	328557	40.451	ng		97
6) Aniline	6.27	93	713866	27.474	ng	#	9
8) 2-Chlorophenol	6.40	128	742900	42.417	ng		99
9) Benzaldehyde	6.15	77	115271	9.346	ng		98
10) Phenol	6.27	94	870883	39.326	ng		94
11) bis(2-Chloroethyl)ether	6.36	93	680671	41.697	ng		98
12) 1,3-Dichlorobenzene	6.55	146	796962	41.001	ng		99
13) 1,4-Dichlorobenzene	6.63	146	803214	41.208	ng		99
14) 1,2-Dichlorobenzene	6.78	146	746121	41.335	ng		99
15) Benzyl Alcohol	6.76	79	572731	41.604	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	981112	41.439	ng		100
17) 2-Methylphenol	6.88	107	619737	42.868	ng		99
18) Hexachloroethane	7.13	117	289201	41.155	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	486048	40.158	ng		98
20) 3+4-Methylphenols	7.03	107	710854	42.584	ng		95
22) Acetophenone	7.02	105	970981	44.569	ng	#	98
24) Nitrobenzene	7.20	77	746312	43.791	ng		100
25) Isophorone	7.44	82	1393219	43.963	ng		100
26) 2-Nitrophenol	7.51	139	396286	47.085	ng		97
27) 2,4-Dimethylphenol	7.56	122	699457	50.758	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	876603	43.765	ng		99
29) 2,4-Dichlorophenol	7.75	162	638760	44.917	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	690977	43.988	ng		99
31) Naphthalene	7.92	128	2102248	45.003	ng		100
32) Benzoic acid	7.70	122	527750	53.652	ng		98
33) 4-Chloroaniline	7.97	127	499863	23.414	ng		100
34) Hexachlorobutadiene	8.05	225	370406	43.029	ng		99
35) Caprolactam	8.34	113	208545m	43.617	ng		
36) 4-Chloro-3-methylphenol	8.46	107	646812	44.911	ng		94
37) 2-Methylnaphthalene	8.61	142	1439157	45.693	ng		98
38) 1-Methylnaphthalene	8.71	142	1380683	45.898	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	578052	43.063	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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	8.77	237	730366	91.759 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	462930	44.670 ng	99
44) 2,4,5-Trichlorophenol	8.93	196	485469	45.489 ng	98
46) 1,1'-Biphenyl	9.08	154	1667414	43.869 ng	99
47) 2-Chloronaphthalene	9.10	162	1348288	43.732 ng	98
48) 2-Nitroaniline	9.19	65	391529	43.559 ng	94
49) Acenaphthylene	9.51	152	2114645	44.022 ng	99
50) Dimethylphthalate	9.38	163	1537260	43.986 ng	100
51) 2,6-Dinitrotoluene	9.44	165	367887	45.595 ng	94
52) Acenaphthene	9.68	154	1441185	47.947 ng	99
53) 3-Nitroaniline	9.60	138	275202	27.950 ng	97
54) 2,4-Dinitrophenol	9.71	184	376846	89.778 ng	94
55) Dibenzofuran	9.85	168	1842341	42.704 ng	99
56) 4-Nitrophenol	9.77	139	678405	85.942 ng	97
57) 2,4-Dinitrotoluene	9.84	165	490219	47.054 ng	95
58) Fluorene	10.20	166	1280871	44.523 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418891	46.809 ng	99
60) Diethylphthalate	10.08	149	1543545	43.937 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	616269	45.175 ng	96
62) 4-Nitroaniline	10.21	138	412183	41.729 ng	98
63) Azobenzene	10.35	77	1457118	44.407 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	225231	45.653 ng	100
66) n-Nitrosodiphenylamine	10.31	169	1306146	44.947 ng	99
67) 4-Bromophenyl-phenylether	10.68	248	440221	43.531 ng	93
68) Hexachlorobenzene	10.74	284	479196	43.655 ng	94
69) Atrazine	10.84	200	408999	43.753 ng	99
70) Pentachlorophenol	10.93	266	572010	81.797 ng	96
71) Phenanthrene	11.14	178	2108958	41.994 ng	99
72) Anthracene	11.19	178	2179121	42.986 ng	98
73) Carbazole	11.35	167	1963230	43.369 ng	99
74) Di-n-butylphthalate	11.70	149	2314169	44.240 ng	99
75) Fluoranthene	12.32	202	2177498	43.457 ng	99
77) Benzidine	12.45	184	1024789	34.113 ng	99
78) Pyrene	12.55	202	2242247	43.126 ng	98
80) Butylbenzylphthalate	13.19	149	1043320	45.470 ng	95
81) Benzo(a)anthracene	13.73	228	2062174	42.480 ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	549988	31.374 ng	99
83) Chrysene	13.77	228	1880830	42.296 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1369987	45.567 ng	100
85) Di-n-octyl phthalate	14.37	149	2363998	46.798 ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2349374	44.649 ng	99
88) Benzo(b)fluoranthene	14.74	252	2211533	45.556 ng	99
89) Benzo(k)fluoranthene	14.77	252	1919506	44.091 ng	98
90) Benzo(a)pyrene	15.06	252	2046034	46.761 ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1928994	47.224 ng	99
92) Benzo(g,h,i)perylene	16.78	276	1971093	47.677 ng	99

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

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