Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115354.D
Acq On : 2 Jul 2019 10:43
Operator : HP/JU
Sample : PB121082BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121082BS

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:27 PM

Quant Time: Jul 02 12:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	222505	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	872705	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	426616	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	843675	20.00	ng		0.00
76) Chrysene-d12	13.73	240	540922	20.00	ng		0.00
87) Perylene-d12	15.10	264	678125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1675367	116.19	ng		0.02
7) Phenol-d6	6.25	99	2039022	116.51	ng		0.00
23) Nitrobenzene-d5	7.17	82	1287369	90.74	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	612945	136.25	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2395893	95.40	ng		0.00
79) Terphenyl-d14	12.69	244	2600952	102.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	219450	32.249	ng		99
3) Pyridine	2.90	79	614525	32.040	ng		99
4) n-Nitrosodimethylamine	2.84	42	275199	36.601	ng		100
6) Aniline	6.27	93	583308	24.251	ng	#	56
8) 2-Chlorophenol	6.40	128	684854	42.241	ng		96
9) Benzaldehyde	6.14	77	108481	9.501	ng		99
10) Phenol	6.27	94	777753	37.939	ng		89
11) bis(2-Chloroethyl)ether	6.35	93	620764	41.080	ng		99
12) 1,3-Dichlorobenzene	6.54	146	736953	40.957	ng		97
13) 1,4-Dichlorobenzene	6.62	146	744388	41.255	ng		98
14) 1,2-Dichlorobenzene	6.78	146	692490	41.443	ng		100
15) Benzyl Alcohol	6.75	79	404622	31.751	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	870472	39.717	ng		99
17) 2-Methylphenol	6.87	107	611272	45.677	ng		99
18) Hexachloroethane	7.12	117	265436	40.805	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	438150	39.106	ng		100
20) 3+4-Methylphenols	7.02	107	688668	44.566	ng		93
22) Acetophenone	7.02	105	927038	46.400	ng	#	98
24) Nitrobenzene	7.19	77	689197	44.096	ng		98
25) Isophorone	7.43	82	1263636	43.480	ng		99
26) 2-Nitrophenol	7.50	139	396277	51.342	ng		92
27) 2,4-Dimethylphenol	7.55	122	644795	51.023	ng		100
28) bis(2-Chloroethoxy)methane	7.65	93	798123	43.450	ng		100
29) 2,4-Dichlorophenol	7.75	162	611875	46.917	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	665366	46.188	ng		98
31) Naphthalene	7.91	128	1940562	45.299	ng		100
32) Benzoic acid	7.70	122	445738	49.413	ng		99
33) 4-Chloroaniline	7.95	127	417732	21.336	ng		100
34) Hexachlorobutadiene	8.03	225	361186	45.753	ng		98
35) Caprolactam	8.34	113	200288m	45.679	ng		
36) 4-Chloro-3-methylphenol	8.45	107	619002	46.867	ng		96
37) 2-Methylnaphthalene	8.60	142	1328959	46.010	ng		99
38) 1-Methylnaphthalene	8.70	142	1263218	45.791	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	581652	48.248	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	616386	86.227 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	433636	46.591 ng	100
44) 2,4,5-Trichlorophenol	8.92	196	477738	49.844 ng	98
46) 1,1'-Biphenyl	9.06	154	1547875	45.345 ng	98
47) 2-Chloronaphthalene	9.08	162	1258765	45.461 ng	100
48) 2-Nitroaniline	9.18	65	374653	46.411 ng	99
49) Acenaphthylene	9.50	152	1945987	45.108 ng	100
50) Dimethylphthalate	9.37	163	1483529	47.266 ng	99
51) 2,6-Dinitrotoluene	9.42	165	346781	47.856 ng	99
52) Acenaphthene	9.67	154	1124923	41.671 ng	100
53) 3-Nitroaniline	9.58	138	234504	26.519 ng	98
54) 2,4-Dinitrophenol	9.70	184	397337	104.123 ng	96
55) Dibenzofuran	9.84	168	1680462	43.372 ng	98
56) 4-Nitrophenol	9.77	139	603049	85.064 ng	94
57) 2,4-Dinitrotoluene	9.82	165	453777	48.499 ng	95
58) Fluorene	10.18	166	1194303	46.520 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	424536	52.823 ng	99
60) Diethylphthalate	10.07	149	1440462	45.656 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	584096	48.118 ng	100
62) 4-Nitroaniline	10.20	138	393731	44.383 ng	96
63) Azobenzene	10.34	77	1295796	43.971 ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	233103	51.521 ng	93
66) n-Nitrosodiphenylamine	10.30	169	1201791	45.722 ng	99
67) 4-Bromophenyl-phenylether	10.66	248	423181	46.264 ng	98
68) Hexachlorobenzene	10.73	284	458471	46.176 ng	99
69) Atrazine	10.83	200	403888	47.768 ng	99
70) Pentachlorophenol	10.92	266	563491	89.085 ng	98
71) Phenanthrene	11.14	178	1968187	43.329 ng	100
72) Anthracene	11.18	178	2020233	44.059 ng	100
73) Carbazole	11.34	167	1865694	45.566 ng	100
74) Di-n-butylphthalate	11.68	149	2162399	45.703 ng	100
75) Fluoranthene	12.31	202	2053750	45.314 ng	99
77) Benzidine	12.43	184	586939	24.436 ng	100
78) Pyrene	12.54	202	2099595	50.507 ng	100
80) Butylbenzylphthalate	13.17	149	988203	53.867 ng	99
81) Benzo(a)anthracene	13.72	228	1879900	48.435 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	561300	40.047 ng	99
83) Chrysene	13.76	228	1858024	52.260 ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1218884	50.706 ng	99
85) Di-n-octyl phthalate	14.35	149	2204351	54.579 ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2246986	53.410 ng	99
88) Benzo(b)fluoranthene	14.73	252	2092662	49.457 ng	99
89) Benzo(k)fluoranthene	14.76	252	1800001	47.436 ng	99
90) Benzo(a)pyrene	15.05	252	1931653	50.650 ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1823472	51.216 ng	100
92) Benzo(g,h,i)perylene	16.77	276	1904448	52.850 ng	98

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

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