Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115097.D
Acq On : 22 Jun 2019 00:04
Operator : HP/JU
Sample : PB120612BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:29 PM

Quant Time: Jun 22 05:23:17 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	240579	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	954401	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	476697	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	919138	20.00	ng		0.00
76) Chrysene-d12	13.74	240	669873	20.00	ng		0.00
87) Perylene-d12	15.11	264	777870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1706656	109.47	ng		0.02
7) Phenol-d6	6.26	99	2082505	110.06	ng		0.00
23) Nitrobenzene-d5	7.18	82	1283303	82.71	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	598888	119.14	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2470027	88.01	ng		0.00
79) Terphenyl-d14	12.71	244	2578086	81.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	294179	39.983	ng		99
3) Pyridine	2.94	79	809138	39.018	ng		100
4) n-Nitrosodimethylamine	2.89	42	327207	40.249	ng		98
6) Aniline	6.27	93	708023	27.225	ng	#	7
8) 2-Chlorophenol	6.40	128	745055	42.502	ng		99
9) Benzaldehyde	6.15	77	112792	9.137	ng		96
10) Phenol	6.27	94	873102	39.391	ng		95
11) bis(2-Chloroethyl)ether	6.36	93	679916	41.614	ng		99
12) 1,3-Dichlorobenzene	6.55	146	797955	41.015	ng		99
13) 1,4-Dichlorobenzene	6.63	146	806516	41.341	ng		99
14) 1,2-Dichlorobenzene	6.78	146	750026	41.514	ng		98
15) Benzyl Alcohol	6.76	79	564945	41.001	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	985917	41.604	ng		100
17) 2-Methylphenol	6.88	107	614789	42.488	ng		98
18) Hexachloroethane	7.13	117	291487	41.444	ng		100
19) n-Nitroso-di-n-propylamine	7.04	70	484501	39.994	ng		99
20) 3+4-Methylphenols	7.03	107	709906	42.489	ng		95
22) Acetophenone	7.02	105	984630	45.064	ng	#	99
24) Nitrobenzene	7.20	77	746813	43.693	ng		100
25) Isophorone	7.44	82	1394336	43.871	ng		100
26) 2-Nitrophenol	7.51	139	398536	47.215	ng		97
27) 2,4-Dimethylphenol	7.56	122	688457	49.815	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	873040	43.461	ng		98
29) 2,4-Dichlorophenol	7.75	162	644523	45.190	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	697791	44.293	ng		99
31) Naphthalene	7.92	128	2102980	44.888	ng		100
32) Benzoic acid	7.70	122	505106	51.201	ng		99
33) 4-Chloroaniline	7.97	127	497822	23.251	ng		99
34) Hexachlorobutadiene	8.05	225	374440	43.372	ng		98
35) Caprolactam	8.34	113	207793m	43.334	ng		
36) 4-Chloro-3-methylphenol	8.46	107	642869	44.508	ng		94
37) 2-Methylnaphthalene	8.61	142	1446059	45.778	ng		98
38) 1-Methylnaphthalene	8.71	142	1381333	45.787	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	581372	43.158	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	751186	94.044	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	462033	44.427	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	483057	45.104	ng	100
46) 1,1'-Biphenyl	9.08	154	1671591	43.825	ng	99
47) 2-Chloronaphthalene	9.10	162	1335870	43.177	ng	98
48) 2-Nitroaniline	9.19	65	386318	42.828	ng	93
49) Acenaphthylene	9.51	152	2115152	43.878	ng	99
50) Dimethylphthalate	9.38	163	1518061	43.285	ng	100
51) 2,6-Dinitrotoluene	9.44	165	366874	45.310	ng	91
52) Acenaphthene	9.68	154	1281105	42.471	ng	99
53) 3-Nitroaniline	9.60	138	268244	27.148	ng	100
54) 2,4-Dinitrophenol	9.70	184	381487	90.501	ng	93
55) Dibenzofuran	9.85	168	1826906	42.198	ng	99
56) 4-Nitrophenol	9.77	139	653639	82.514	ng	95
57) 2,4-Dinitrotoluene	9.84	165	481214	46.028	ng	97
58) Fluorene	10.20	166	1274018	44.062	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418195	46.568	ng	100
60) Diethylphthalate	10.08	149	1543777	43.790	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	612138	44.633	ng	98
62) 4-Nitroaniline	10.21	138	406859	41.045	ng	99
63) Azobenzene	10.35	77	1444155	43.857	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	224715	46.160	ng	80
66) n-Nitrosodiphenylamine	10.31	169	1290752	45.075	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	441502	44.304	ng	96
68) Hexachlorobenzene	10.74	284	470712	43.517	ng	94
69) Atrazine	10.84	200	405309	44.000	ng	99
70) Pentachlorophenol	10.93	266	566432	82.198	ng	98
71) Phenanthrene	11.14	178	2083461	42.101	ng	100
72) Anthracene	11.20	178	2153637	43.112	ng	98
73) Carbazole	11.35	167	1930570	43.279	ng	99
74) Di-n-butylphthalate	11.70	149	2287088	44.369	ng	99
75) Fluoranthene	12.32	202	2142649	43.395	ng	98
77) Benzidine	12.45	184	1000437	33.634	ng	100
78) Pyrene	12.55	202	2196681	42.670	ng	98
80) Butylbenzylphthalate	13.19	149	1033833	45.506	ng	94
81) Benzo(a)anthracene	13.73	228	2013425	41.889	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	536733	30.923	ng	97
83) Chrysene	13.77	228	1844526	41.893	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1349396	45.329	ng	100
85) Di-n-octyl phthalate	14.37	149	2338201	46.749	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2345732	45.024	ng	100
88) Benzo(b)fluoranthene	14.74	252	2174079	44.792	ng	99
89) Benzo(k)fluoranthene	14.77	252	1876295	43.106	ng	98
90) Benzo(a)pyrene	15.06	252	2021260	46.203	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1907137	46.697	ng	99
92) Benzo(g,h,i)perylene	16.78	276	1961544	47.454	ng	99

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

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