Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114150.D
Acq On : 11 May 2019 12:04
Operator : JU/SJ
Sample : PB119622BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Manual Integrations APPROVED
Sohil
5/13/2019 8:35:46 PM

Quant Time: May 13 07:30:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	312739	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1188454	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	601886	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1205076	20.00	ng		0.00
76) Chrysene-d12	14.01	240	958979	20.00	ng		-0.01
87) Perylene-d12	15.47	264	946479	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2090564	107.57	ng		0.01
7) Phenol-d6	6.49	99	2725932	118.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	1538572	72.65	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	746655	119.99	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2723989	68.46	ng		0.00
79) Terphenyl-d14	12.95	244	2965175	63.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	379076	35.488	ng		99
3) Pyridine	3.48	79	979182	33.271	ng		97
4) n-Nitrosodimethylamine	3.42	42	486161	34.255	ng		98
6) Aniline	6.52	93	927888	27.947	ng		99
8) 2-Chlorophenol	6.65	128	846750	40.814	ng		93
9) Benzaldehyde	6.40	77	126678	7.873	ng		97
10) Phenol	6.50	94	1028611	38.042	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	843585	41.096	ng		99
12) 1,3-Dichlorobenzene	6.79	146	890251	38.228	ng		98
13) 1,4-Dichlorobenzene	6.87	146	904804	38.556	ng		99
14) 1,2-Dichlorobenzene	7.02	146	849404	39.619	ng		99
15) Benzyl Alcohol	6.99	79	740059	41.282	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1582990	39.772	ng		99
17) 2-Methylphenol	7.11	107	689621	40.465	ng		99
18) Hexachloroethane	7.36	117	342654	38.900	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	583877	40.077	ng		98
20) 3+4-Methylphenols	7.26	107	810938	41.184	ng	#	87
22) Acetophenone	7.26	105	1102002	41.856	ng		99
24) Nitrobenzene	7.43	77	902882	41.860	ng		95
25) Isophorone	7.67	82	1660286	42.274	ng		99
26) 2-Nitrophenol	7.75	139	474241	45.319	ng		95
27) 2,4-Dimethylphenol	7.79	122	779866	47.451	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1058124	41.523	ng		99
29) 2,4-Dichlorophenol	7.99	162	699441	42.738	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	756596	40.656	ng		99
31) Naphthalene	8.16	128	2387377	43.005	ng		99
32) Benzoic acid	7.92	122	537610	46.186	ng		99
33) 4-Chloroaniline	8.20	127	644219	25.466	ng		99
34) Hexachlorobutadiene	8.27	225	426805	40.307	ng		99
35) Caprolactam	8.57	113	241896m	45.329	ng		
36) 4-Chloro-3-methylphenol	8.69	107	750135	45.536	ng		97
37) 2-Methylnaphthalene	8.85	142	1617653	45.164	ng		99
38) 1-Methylnaphthalene	8.95	142	1519077	45.036	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	716611	39.304	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	683924	80.489	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	499379	39.820	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	534552	41.563	ng		99
46) 1,1'-Biphenyl	9.31	154	1965771	40.428	ng		99
47) 2-Chloronaphthalene	9.33	162	1500175	38.336	ng		99
48) 2-Nitroaniline	9.43	65	517097	37.260	ng		97
49) Acenaphthylene	9.75	152	2449997	41.164	ng		100
50) Dimethylphthalate	9.61	163	1726926	39.085	ng		99
51) 2,6-Dinitrotoluene	9.67	165	404181	41.243	ng		94
52) Acenaphthene	9.92	154	1499108	41.046	ng		99
53) 3-Nitroaniline	9.84	138	345990	28.441	ng		96
54) 2,4-Dinitrophenol	9.95	184	434943	87.567	ng		96
55) Dibenzofuran	10.09	168	2220385	41.460	ng		98
56) 4-Nitrophenol	10.01	139	708124	82.310	ng		97
57) 2,4-Dinitrotoluene	10.07	165	565841	42.540	ng		94
58) Fluorene	10.43	166	1691404	40.888	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	478300	43.101	ng		99
60) Diethylphthalate	10.31	149	1824093	40.631	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	822034	40.460	ng		97
62) 4-Nitroaniline	10.46	138	496985	38.878	ng		94
63) Azobenzene	10.59	77	1819671	41.875	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	277823	47.979	ng		86
66) n-Nitrosodiphenylamine	10.55	169	1576005	43.090	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	545121	41.084	ng		98
68) Hexachlorobenzene	10.99	284	598187	40.753	ng		99
69) Atrazine	11.07	200	473029	41.560	ng		98
70) Pentachlorophenol	11.18	266	597267	85.837	ng		98
71) Phenanthrene	11.40	178	2421991	41.311	ng		99
72) Anthracene	11.45	178	2534322	43.037	ng		99
73) Carbazole	11.60	167	2390263	42.566	ng		100
74) Di-n-butylphthalate	11.93	149	2804436	43.349	ng		98
75) Fluoranthene	12.59	202	2627639	41.619	ng		100
77) Benzidine	12.70	184	1557524	36.182	ng		97
78) Pyrene	12.82	202	2672826	34.647	ng		99
80) Butylbenzylphthalate	13.42	149	1291555	39.776	ng		95
81) Benzo(a)anthracene	14.00	228	2229891	35.951	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	624077	25.936	ng		99
83) Chrysene	14.04	228	2259400	37.159	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1641622	38.656	ng	#	98
85) Di-n-octyl phthalate	14.60	149	2801046	40.687	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2155255	40.108	ng		98
88) Benzo(b)fluoranthene	15.04	252	2522523	41.600	ng		98
89) Benzo(k)fluoranthene	15.08	252	2138798	38.398	ng		100
90) Benzo(a)pyrene	15.42	252	2268466	42.508	ng		100
91) Dibenzo(a,h)anthracene	16.95	278	1780748	40.157	ng		99
92) Benzo(g,h,i)perylene	17.38	276	1706260	38.395	ng		99

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

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