Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115862.D
Acq On : 31 Jul 2019 13:32
Operator : HP/JU
Sample : PB121801BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:26 PM

Quant Time: Jul 31 18:49:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144672	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	579077	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	303716	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	525013	20.00	ng		0.00
76) Chrysene-d12	14.02	240	395272	20.00	ng		0.00
87) Perylene-d12	15.49	264	373587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	989947	114.55	ng		0.02
7) Phenol-d6	6.49	99	1254884	115.09	ng		0.00
23) Nitrobenzene-d5	7.42	82	819892	81.73	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	343312	116.59	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1388088	85.61	ng		0.00
79) Terphenyl-d14	12.96	244	1490032	79.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	183307	41.987	ng		99
3) Pyridine	3.46	79	475070	38.954	ng		99
4) n-Nitrosodimethylamine	3.42	42	210839	43.808	ng		98
6) Aniline	6.52	93	518808	33.225	ng		100
8) 2-Chlorophenol	6.64	128	428366	44.826	ng		99
9) Benzaldehyde	6.40	77	250364	33.279	ng		97
10) Phenol	6.50	94	556961	43.378	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	408115	43.233	ng		99
12) 1,3-Dichlorobenzene	6.79	146	464236	42.035	ng		98
13) 1,4-Dichlorobenzene	6.87	146	471689	42.655	ng		99
14) 1,2-Dichlorobenzene	7.02	146	436114	42.831	ng		99
15) Benzyl Alcohol	6.99	79	368976	44.592	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	539528	41.901	ng		99
17) 2-Methylphenol	7.10	107	364833	45.087	ng		99
18) Hexachloroethane	7.36	117	171099	42.025	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	292846	43.342	ng		99
20) 3+4-Methylphenols	7.26	107	429909	44.896	ng		93
22) Acetophenone	7.26	105	575828	45.341	ng	#	99
24) Nitrobenzene	7.43	77	473478	43.710	ng		97
25) Isophorone	7.67	82	844555	44.027	ng		99
26) 2-Nitrophenol	7.75	139	234543	45.934	ng		96
27) 2,4-Dimethylphenol	7.79	122	380942	49.588	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	507378	42.674	ng		99
29) 2,4-Dichlorophenol	7.99	162	364569	44.946	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	400326	43.297	ng		98
31) Naphthalene	8.16	128	1244475	45.669	ng		100
32) Benzoic acid	7.93	122	253752	46.852	ng		98
33) 4-Chloroaniline	8.20	127	284683	23.382	ng		98
34) Hexachlorobutadiene	8.27	225	221903	41.667	ng		98
35) Caprolactam	8.57	113	112033m	42.706	ng		
36) 4-Chloro-3-methylphenol	8.69	107	381067	45.160	ng		97
37) 2-Methylnaphthalene	8.85	142	814984	45.412	ng		100
38) 1-Methylnaphthalene	8.95	142	768725	45.277	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	366339	45.118	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	321639	87.629	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	237068	42.418	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	257177	44.516	ng		99
46) 1,1'-Biphenyl	9.32	154	966055	45.054	ng		99
47) 2-Chloronaphthalene	9.34	162	768411	43.057	ng		98
48) 2-Nitroaniline	9.43	65	244167	41.392	ng		88
49) Acenaphthylene	9.76	152	1183551	45.458	ng		99
50) Dimethylphthalate	9.62	163	862120	41.689	ng		100
51) 2,6-Dinitrotoluene	9.68	165	198281	44.121	ng		97
52) Acenaphthene	9.93	154	705227	44.152	ng		99
53) 3-Nitroaniline	9.85	138	147812	26.619	ng		91
54) 2,4-Dinitrophenol	9.96	184	181753	79.563	ng	#	88
55) Dibenzofuran	10.10	168	1049497	45.181	ng		99
56) 4-Nitrophenol	10.02	139	343999	96.704	ng		97
57) 2,4-Dinitrotoluene	10.09	165	262395	43.853	ng		95
58) Fluorene	10.45	166	793576	44.405	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	220611	45.389	ng		98
60) Diethylphthalate	10.32	149	813383	42.129	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	385980	42.645	ng		99
62) 4-Nitroaniline	10.47	138	224337	39.092	ng		96
63) Azobenzene	10.59	77	860596	43.336	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	129263	46.460	ng		98
66) n-Nitrosodiphenylamine	10.55	169	711956	45.054	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	240367	42.768	ng		100
68) Hexachlorobenzene	11.00	284	272931	41.996	ng		98
69) Atrazine	11.08	200	218051	41.944	ng		99
70) Pentachlorophenol	11.19	266	282335	89.482	ng		98
71) Phenanthrene	11.41	178	1189464	44.317	ng		100
72) Anthracene	11.46	178	1226524	45.154	ng		99
73) Carbazole	11.61	167	1110303	45.054	ng		99
74) Di-n-butylphthalate	11.94	149	1207881	42.016	ng		100
75) Fluoranthene	12.59	202	1223228	43.533	ng		97
77) Benzidine	12.71	184	655002	49.049	ng		99
78) Pyrene	12.82	202	1268010	42.556	ng		99
80) Butylbenzylphthalate	13.44	149	517849	41.086	ng		97
81) Benzo(a)anthracene	14.01	228	1086906	43.021	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	263009	29.965	ng		99
83) Chrysene	14.05	228	1044618	42.589	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	672273	41.046	ng		100
85) Di-n-octyl phthalate	14.60	149	1113599	42.806	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	909637	44.156	ng		100
88) Benzo(b)fluoranthene	15.06	252	945977	43.793	ng		97
89) Benzo(k)fluoranthene	15.09	252	959604	45.609	ng		99
90) Benzo(a)pyrene	15.43	252	899180	46.566	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	756189	45.241	ng		99
92) Benzo(g,h,i)perylene	17.41	276	753527	45.903	ng		98

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

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