Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103679.D
Acq On : 15 Mar 2018 20:15
Operator : JU/SJ
Sample : PB107343BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:16 PM

Quant Time: Mar 16 05:00:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147947	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	635128	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	297794	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	530920	20.00	ng		0.00
75) Chrysene-d12	14.15	240	424441	20.00	ng		0.00
86) Perylene-d12	15.68	264	388803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1669699	171.66	ng		0.02
7) Phenol-d6	6.60	99	2111791	177.46	ng		0.01
23) Nitrobenzene-d5	7.53	82	816544	89.66	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	487890	190.55	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1462927	78.36	ng		0.00
78) Terphenyl-d14	13.09	244	1488765	81.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	220391	46.015	ng		93
3) Pyridine	3.68	79	598284	45.414	ng		90
4) n-Nitrosodimethylamine	3.64	42	244608	50.358	ng		91
6) Aniline	6.63	93	586889	34.538	ng		97
8) 2-Chlorophenol	6.76	128	483819	47.482	ng		96
9) Benzaldehyde	6.52	77	141506	18.100	ng		98
10) Phenol	6.60	94	584481	46.221	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	471685	45.185	ng		98
12) 1,3-Dichlorobenzene	6.91	146	508429	43.810	ng		99
13) 1,4-Dichlorobenzene	6.99	146	511935	43.898	ng		99
14) 1,2-Dichlorobenzene	7.14	146	479481	44.308	ng		99
15) Benzyl Alcohol	7.10	79	431560	46.805	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	666662	44.901	ng		96
17) 2-Methylphenol	7.21	107	418221	46.090	ng		99
18) Hexachloroethane	7.48	117	192008	46.807	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	337862	44.301	ng		96
20) 3+4-Methylphenols	7.36	107	522279	45.354	ng		89
22) Acetophenone	7.37	105	683863	41.895	ng	#	95
24) Nitrobenzene	7.55	77	515693	48.230	ng		98
25) Isophorone	7.79	82	977773	46.376	ng		98
26) 2-Nitrophenol	7.86	139	212885	51.478	ng		99
27) 2,4-Dimethylphenol	7.89	122	471957	52.253	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	609410	47.734	ng		99
29) 2,4-Dichlorophenol	8.10	162	399239	48.585	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	409849	43.002	ng		98
31) Naphthalene	8.27	128	1410192	43.954	ng		99
32) Benzoic acid	8.01	122	276529	44.341	ng		99
33) 4-Chloroaniline	8.32	127	324663	24.121	ng		98
34) Hexachlorobutadiene	8.39	225	216690	41.467	ng		99
35) Caprolactam	8.69	113	129340m	45.710	ng		
36) 4-Chloro-3-methylphenol	8.79	107	435228	48.044	ng		96
37) 2-Methylnaphthalene	8.96	142	925735	45.500	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363335	42.767	ng		98
40) Hexachlorocyclopentadiene	9.12	237	448778	102.372	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	272305	50.110	ng		100
43) 2,4,5-Trichlorophenol	9.27	196	285320	46.519	ng		97
45) 1,1'-Biphenyl	9.43	154	1060542	42.709	ng		100
46) 2-Chloronaphthalene	9.46	162	852867	43.243	ng		98
47) 2-Nitroaniline	9.55	65	252673	48.834	ng		95
48) Acenaphthylene	9.87	152	1311537	42.883	ng		100
49) Dimethylphthalate	9.73	163	982486	43.243	ng		99
50) 2,6-Dinitrotoluene	9.79	165	214602	48.759	ng		90
51) Acenaphthene	10.05	154	862729	47.508	ng		99
52) 3-Nitroaniline	9.96	138	165151	32.676	ng		94
53) 2,4-Dinitrophenol	10.06	184	162982	100.270	ng	#	21
54) Dibenzofuran	10.22	168	1167829	45.027	ng		97
55) 4-Nitrophenol	10.11	139	408609	97.099	ng		96
56) 2,4-Dinitrotoluene	10.19	165	284856	50.749	ng		93
57) Fluorene	10.56	166	873889	43.421	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	228874	52.663	ng		98
59) Diethylphthalate	10.43	149	971197	43.068	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	394719	42.915	ng		95
61) 4-Nitroaniline	10.58	138	245289	48.354	ng		96
62) Azobenzene	10.71	77	1014712	44.259	ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	108129	52.798	ng		97
65) n-Nitrosodiphenylamine	10.67	169	798627	44.192	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	242683	44.520	ng		98
67) Hexachlorobenzene	11.10	284	264758	42.554	ng		98
68) Atrazine	11.19	200	256985	45.970	ng		99
69) Pentachlorophenol	11.30	266	299320	83.681	ng		97
70) Phenanthrene	11.53	178	1266688	43.615	ng		99
71) Anthracene	11.58	178	1296173	43.942	ng		99
72) Carbazole	11.73	167	1235359	43.089	ng		99
73) Di-n-butylphthalate	12.06	149	1500960	43.632	ng		99
74) Fluoranthene	12.72	202	1319234	44.091	ng		100
76) Benzidine	12.84	184	766622	42.349	ng		99
77) Pyrene	12.95	202	1347930	43.244	ng		100
79) Butylbenzylphthalate	13.56	149	636136	46.063	ng		99
80) Benzo(a)anthracene	14.14	228	1189184	44.262	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	201906	22.467	ng		99
82) Chrysene	14.18	228	1122491	43.828	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	906205	45.932	ng		100
84) Di-n-octyl phthalate	14.74	149	1495748	52.112	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1014208	45.346	ng		97
87) Benzo(b)fluoranthene	15.23	252	1084004	44.130	ng		99
88) Benzo(k)fluoranthene	15.26	252	1046133	44.305	ng		99
89) Benzo(a)pyrene	15.62	252	1024594	45.988	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	837811	43.429	ng		99
91) Benzo(g,h,i)perylene	17.72	276	824453	43.929	ng		96

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

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