Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103658.D
Acq On : 14 Mar 2018 23:06
Operator : SJ/JU
Sample : PB107370BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107370BS

Manual Integrations APPROVED
Sohil
3/15/2018 6:57:58 PM

Quant Time: Mar 15 11:21:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117736	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	490702	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	202308	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	305893	20.00	ng		0.00
75) Chrysene-d12	14.06	240	189079	20.00	ng		0.00
86) Perylene-d12	15.57	264	183337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	561758m	72.16	ng		0.01
7) Phenol-d6	6.50	99	638926	67.07	ng		0.00
23) Nitrobenzene-d5	7.43	82	613593	71.41	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	94986	55.47	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	901466	74.52	ng		0.00
78) Terphenyl-d14	12.97	244	596391	75.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	115326	28.050	ng		93
3) Pyridine	3.52	79	282149m	25.705	ng		
4) n-Nitrosodimethylamine	3.48	42	140877m	31.823	ng		
6) Aniline	6.53	93	302928	22.035	ng	#	60
8) 2-Chlorophenol	6.65	128	279239	34.530	ng		93
9) Benzaldehyde	6.44	77	108421	15.680	ng		96
10) Phenol	6.52	94	399611	36.137	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	329489	39.258	ng		98
12) 1,3-Dichlorobenzene	6.80	146	293137	31.720	ng		97
13) 1,4-Dichlorobenzene	6.87	146	324959	35.073	ng		99
14) 1,2-Dichlorobenzene	7.02	146	294946	34.523	ng		98
15) Benzyl Alcohol	7.02	79	215060	29.961	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	470572	32.651	ng		57
17) 2-Methylphenol	7.12	107	229951	31.290	ng	#	71
18) Hexachloroethane	7.36	117	95473	28.305	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	224117	37.804	ng		94
20) 3+4-Methylphenols	7.29	107	283053	31.596	ng	#	68
22) Acetophenone	7.27	105	423684	36.991	ng	#	94
24) Nitrobenzene	7.45	77	306126	32.359	ng		98
25) Isophorone	7.67	82	608237	35.942	ng		95
26) 2-Nitrophenol	7.77	139	101819	22.862	ng		95
27) 2,4-Dimethylphenol	7.80	122	250776	36.839	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	370565	37.244	ng		96
29) 2,4-Dichlorophenol	8.02	162	224834	34.497	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	219753	31.663	ng		100
31) Naphthalene	8.16	128	850491	35.402	ng		100
32) Benzoic acid	7.94	122	100517m	23.950	ng		
33) 4-Chloroaniline	8.23	127	237456	22.905	ng		97
34) Hexachlorobutadiene	8.26	225	112385	31.096	ng		97
35) Caprolactam	8.59	113	66771	29.150	ng	#	79
36) 4-Chloro-3-methylphenol	8.71	107	252065	34.289	ng		95
37) 2-Methylnaphthalene	8.85	142	520275	33.510	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	193050	34.905	ng		99
40) Hexachlorocyclopentadiene	8.99	237	5930	11.586	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	121204	32.569	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	127494m	29.787	ng		
45) 1,1'-Biphenyl	9.32	154	599600	35.370	ng		98
46) 2-Chloronaphthalene	9.35	162	465151	34.683	ng		100
47) 2-Nitroaniline	9.46	65	181331	36.500	ng		89
48) Acenaphthylene	9.76	152	679533	32.931	ng		98
49) Dimethylphthalate	9.62	163	540689	33.315	ng		99
50) 2,6-Dinitrotoluene	9.69	165	109529	32.159	ng	#	78
51) Acenaphthene	9.93	154	391309	32.521	ng		98
52) 3-Nitroaniline	9.88	138	110972	25.682	ng		95
53) 2,4-Dinitrophenol	10.05	184	19597	23.635	ng	#	1
54) Dibenzofuran	10.10	168	574762	34.797	ng		91
55) 4-Nitrophenol	10.08	139	34671m	12.946	ng		
56) 2,4-Dinitrotoluene	10.12	165	132121	30.673	ng	#	79
57) Fluorene	10.45	166	451428	32.082	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	91954	31.980	ng	#	88
59) Diethylphthalate	10.31	149	533175	34.349	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	208960	35.020	ng		96
61) 4-Nitroaniline	10.50	138	117838	27.303	ng		99
62) Azobenzene	10.60	77	556023	35.192	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	16616	12.953	ng	#	76
65) n-Nitrosodiphenylamine	10.56	169	397482	37.320	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	111197	34.896	ng		97
67) Hexachlorobenzene	11.00	284	108239	31.295	ng		98
68) Atrazine	11.09	200	113330	35.401	ng		100
69) Pentachlorophenol	11.21	266	62724m	37.508	ng		
70) Phenanthrene	11.42	178	550258	32.687	ng		99
71) Anthracene	11.47	178	614937	35.623	ng		100
72) Carbazole	11.64	167	581152	33.807	ng		99
73) Di-n-butylphthalate	11.94	149	779975	36.260	ng		98
74) Fluoranthene	12.62	202	516786	30.549	ng		98
76) Benzidine	12.75	184	413602	58.511	ng		97
77) Pyrene	12.85	202	503044	34.124	ng		99
79) Butylbenzylphthalate	13.44	149	279645	35.904	ng		97
80) Benzo(a)anthracene	14.04	228	388516	31.669	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	158666	36.240	ng		99
82) Chrysene	14.08	228	422330	35.454	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	372394	35.431	ng	#	98
84) Di-n-octyl phthalate	14.62	149	629501	37.069	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	354538	37.595	ng		97
87) Benzo(b)fluoranthene	15.12	252	348966	28.950	ng		99
88) Benzo(k)fluoranthene	15.15	252	429106	37.803	ng		99
89) Benzo(a)pyrene	15.50	252	372588	34.613	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	309484	37.207	ng		99
91) Benzo(g,h,i)perylene	17.59	276	287569	35.374	ng		96

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

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