Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104687.D
Acq On : 20 Apr 2018 21:01
Operator : JU/SJ
Sample : PB108449BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Manual Integrations APPROVED
Sohil
4/23/2018 2:18:32 PM

Quant Time: Apr 21 04:47:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116257	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	441852	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	176079	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	289861	20.00	ng		0.00
75) Chrysene-d12	13.98	240	212917	20.00	ng		0.00
86) Perylene-d12	15.44	264	160939	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	644533	84.77	ng		0.01
7) Phenol-d6	6.45	99	769951	82.42	ng		0.00
23) Nitrobenzene-d5	7.37	82	673815	99.58	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	158050	86.53	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1101419	98.82	ng		0.00
78) Terphenyl-d14	12.92	244	977567	104.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	130661	36.881	ng		88
3) Pyridine	3.32	79	374807	37.629	ng		86
4) n-Nitrosodimethylamine	3.28	42	145610	41.819	ng	#	76
6) Aniline	6.47	93	248592	19.154	ng	#	88
8) 2-Chlorophenol	6.59	128	345825	43.094	ng		96
9) Benzaldehyde	6.36	77	177503	36.488	ng		96
10) Phenol	6.46	94	410203	41.384	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	328076	41.477	ng		93
12) 1,3-Dichlorobenzene	6.75	146	360659	39.671	ng		99
13) 1,4-Dichlorobenzene	6.82	146	368693	40.683	ng		99
14) 1,2-Dichlorobenzene	6.97	146	342503	40.783	ng		99
15) Benzyl Alcohol	6.95	79	269336	37.959	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	401550	37.801	ng		84
17) 2-Methylphenol	7.07	107	279695	40.096	ng		95
18) Hexachloroethane	7.32	117	100382	31.067	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	221454	36.277	ng		93
20) 3+4-Methylphenols	7.22	107	332360	38.416	ng	#	73
22) Acetophenone	7.22	105	445880	40.989	ng		99
24) Nitrobenzene	7.39	77	340995	45.643	ng		99
25) Isophorone	7.63	82	614865	42.970	ng		99
26) 2-Nitrophenol	7.70	139	134157	44.110	ng		98
27) 2,4-Dimethylphenol	7.75	122	291169	46.107	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	404074	46.186	ng		98
29) 2,4-Dichlorophenol	7.95	162	267834	44.450	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	278055	42.048	ng		99
31) Naphthalene	8.12	128	926218	42.097	ng		100
32) Benzoic acid	7.87	122	156400m	31.040	ng		
33) 4-Chloroaniline	8.16	127	127122	13.486	ng		96
34) Hexachlorobutadiene	8.22	225	151129	41.724	ng		98
35) Caprolactam	8.54	113	86854m	41.320	ng		
36) 4-Chloro-3-methylphenol	8.65	107	273580	42.344	ng		99
37) 2-Methylnaphthalene	8.80	142	585669	41.152	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245844	48.775	ng		98
40) Hexachlorocyclopentadiene	8.95	237	20885	7.401	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	166647	47.628 ng		98
43) 2,4,5-Trichlorophenol	9.13	196	172015	43.932 ng		98
45) 1,1'-Biphenyl	9.27	154	670145	45.305 ng		99
46) 2-Chloronaphthalene	9.29	162	517252	44.271 ng		99
47) 2-Nitroaniline	9.39	65	170593	59.041 ng		98
48) Acenaphthylene	9.71	152	762376	41.589 ng		100
49) Dimethylphthalate	9.57	163	634852	45.721 ng		100
50) 2,6-Dinitrotoluene	9.63	165	117193	45.613 ng		96
51) Acenaphthene	9.88	154	437157	39.086 ng		99
52) 3-Nitroaniline	9.80	138	137685	45.775 ng		99
53) 2,4-Dinitrophenol	9.92	184	7394	14.944 ng	#	22
54) Dibenzofuran	10.05	168	662113	42.479 ng		98
55) 4-Nitrophenol	9.97	139	194266	82.219 ng		96
56) 2,4-Dinitrotoluene	10.04	165	140466	41.679 ng		95
57) Fluorene	10.40	166	503213	44.354 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126392	43.269 ng		95
59) Diethylphthalate	10.27	149	588851	42.582 ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	235404	46.591 ng		96
61) 4-Nitroaniline	10.42	138	148369	50.448 ng		95
62) Azobenzene	10.55	77	516134	39.066 ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	7332	11.746 ng		75
65) n-Nitrosodiphenylamine	10.50	169	454294	45.202 ng		99
66) 4-Bromophenyl-phenylether	10.87	248	143519	46.549 ng		96
67) Hexachlorobenzene	10.95	284	154280	44.471 ng	#	90
68) Atrazine	11.03	200	133843	44.120 ng		100
69) Pentachlorophenol	11.15	266	142334	66.318 ng		97
70) Phenanthrene	11.36	178	700456	43.393 ng		99
71) Anthracene	11.41	178	729899	44.482 ng		100
72) Carbazole	11.57	167	675105	42.104 ng		99
73) Di-n-butylphthalate	11.89	149	848232	43.307 ng		99
74) Fluoranthene	12.55	202	742967	44.053 ng		99
76) Benzidine	12.68	184	641716	Below Cal		97
77) Pyrene	12.78	202	738290	46.780 ng		100
79) Butylbenzylphthalate	13.39	149	366266	49.261 ng		97
80) Benzo(a)anthracene	13.97	228	594310	46.723 ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	227919	48.057 ng		97
82) Chrysene	14.01	228	564336	43.194 ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	494355	51.692 ng		100
84) Di-n-octyl phthalate	14.57	149	806896	50.495 ng		95
85) Indeno(1,2,3-cd)pyrene	16.91	276	444194	40.022 ng		97
87) Benzo(b)fluoranthene	15.02	252	454811	44.744 ng		98
88) Benzo(k)fluoranthene	15.05	252	460391	47.976 ng		99
89) Benzo(a)pyrene	15.39	252	421014	46.292 ng		99
90) Dibenzo(a,h)anthracene	16.92	278	376089	50.349 ng		97
91) Benzo(g,h,i)perylene	17.34	276	365041	50.443 ng		97

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

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