Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102846.D
Acq On : 8 Feb 2018 10:47
Operator : SJ/JU
Sample : PB106358BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Manual Integrations APPROVED
Sohil
2/9/2018 4:33:21 PM

Quant Time: Feb 08 14:00:42 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	183399	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	778014	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	352208	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	584861	20.00	ng		0.00
75) Chrysene-d12	14.06	240	334770	20.00	ng		0.00
86) Perylene-d12	15.53	264	315496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1440236	119.26	ng		0.02
7) Phenol-d6	6.52	99	1759334	120.99	ng		0.01
23) Nitrobenzene-d5	7.45	82	1151865	102.70	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	331410	116.91	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1742146	82.08	ng		0.00
78) Terphenyl-d14	13.00	244	1382795	97.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	239555	40.162	ng		90
3) Pyridine	3.52	79	704382	42.743	ng		93
4) n-Nitrosodimethylamine	3.46	42	370556	52.554	ng		90
6) Aniline	6.55	93	428290	19.945	ng		96
8) 2-Chlorophenol	6.67	128	543649	43.727	ng		97
9) Benzaldehyde	6.43	77	184027	17.042	ng		95
10) Phenol	6.53	94	717136	46.020	ng		91
11) bis(2-Chloroethyl)ether	6.62	93	555094	42.809	ng		91
12) 1,3-Dichlorobenzene	6.83	146	564484	39.208	ng		97
13) 1,4-Dichlorobenzene	6.90	146	578486	40.336	ng		99
14) 1,2-Dichlorobenzene	7.06	146	522901	39.145	ng		99
15) Benzyl Alcohol	7.03	79	520970	46.601	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	967854	39.292	ng		100
17) 2-Methylphenol	7.13	107	489009	42.641	ng		98
18) Hexachloroethane	7.40	117	216879	44.100	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	390869	40.771	ng		93
20) 3+4-Methylphenols	7.29	107	563066	39.815	ng	#	79
22) Acetophenone	7.29	105	752586	39.529	ng	#	87
24) Nitrobenzene	7.47	77	634929	48.134	ng		97
25) Isophorone	7.70	82	1174412	45.476	ng		97
26) 2-Nitrophenol	7.78	139	305712	54.888	ng		92
27) 2,4-Dimethylphenol	7.82	122	529730	48.552	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	701853	45.877	ng		100
29) 2,4-Dichlorophenol	8.02	162	450295	45.400	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	438213	39.055	ng		100
31) Naphthalene	8.19	128	1531664	40.294	ng		100
32) Benzoic acid	7.94	122	354734	46.585	ng		98
33) 4-Chloroaniline	8.23	127	166202	10.150	ng		96
34) Hexachlorobutadiene	8.30	225	224616	39.066	ng		99
35) Caprolactam	8.62	113	162021m	47.037	ng		
36) 4-Chloro-3-methylphenol	8.72	107	525691	47.172	ng		99
37) 2-Methylnaphthalene	8.88	142	1020871	41.020	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	375925	39.200	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	406529	89.173	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	286831	45.536	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	308645	43.474	ng		97
45) 1,1'-Biphenyl	9.35	154	1153610	38.887	ng		99
46) 2-Chloronaphthalene	9.37	162	926230	39.659	ng		99
47) 2-Nitroaniline	9.47	65	373881	51.599	ng		90
48) Acenaphthylene	9.79	152	1422611	39.219	ng		99
49) Dimethylphthalate	9.65	163	1090452	39.707	ng		100
50) 2,6-Dinitrotoluene	9.71	165	239680	45.874	ng		92
51) Acenaphthene	9.96	154	839376	38.694	ng		99
52) 3-Nitroaniline	9.87	138	161069	25.054	ng		95
53) 2,4-Dinitrophenol	9.99	184	185974	94.105	ng	#	19
54) Dibenzofuran	10.13	168	1237970	40.495	ng		96
55) 4-Nitrophenol	10.04	139	424214	80.282	ng	#	87
56) 2,4-Dinitrotoluene	10.11	165	331751	47.386	ng	#	85
57) Fluorene	10.47	166	923800	41.532	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	222093m	45.135	ng		
59) Diethylphthalate	10.34	149	1081428	39.881	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	402685	40.925	ng		97
61) 4-Nitroaniline	10.49	138	259083	42.339	ng		98
62) Azobenzene	10.63	77	1175496	43.393	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	128886	51.586	ng		94
65) n-Nitrosodiphenylamine	10.59	169	836173	40.532	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	251452	40.644	ng		95
67) Hexachlorobenzene	11.02	284	265340	38.877	ng		98
68) Atrazine	11.11	200	257422	42.297	ng		98
69) Pentachlorophenol	11.22	266	266474	66.511	ng		98
70) Phenanthrene	11.44	178	1290264	39.612	ng		100
71) Anthracene	11.49	178	1358989	41.020	ng		99
72) Carbazole	11.64	167	1231820	37.953	ng		99
73) Di-n-butylphthalate	11.97	149	1631010	41.368	ng		99
74) Fluoranthene	12.63	202	1245253	37.997	ng		99
76) Benzidine	12.74	184	198459	12.899	ng		99
77) Pyrene	12.86	202	1238759	47.189	ng		100
79) Butylbenzylphthalate	13.47	149	601278	47.887	ng		98
80) Benzo(a)anthracene	14.04	228	910585	43.250	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	216270	27.705	ng		97
82) Chrysene	14.08	228	840268	39.592	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	769823	47.871	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1134283	46.975	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	959180	54.492	ng		99
87) Benzo(b)fluoranthene	15.10	252	778568	38.063	ng		98
88) Benzo(k)fluoranthene	15.13	252	774020	39.603	ng		100
89) Benzo(a)pyrene	15.47	252	772424	41.953	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	796494	53.298	ng		97
91) Benzo(g,h,i)perylene	17.50	276	847045	57.908	ng		98

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

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