Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102345.D
Acq On : 23 Jan 2018 15:00
Operator : SJ/JU
Sample : PB105838BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105838BS

Manual Integrations APPROVED
Sohil
1/24/2018 2:46:51 PM

Quant Time: Jan 24 01:10:25 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150878	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	649541	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	294183	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	508106	20.00	ng		0.00
75) Chrysene-d12	13.88	240	364697	20.00	ng		0.00
86) Perylene-d12	15.30	264	290388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1199474	120.54	ng		0.02
7) Phenol-d6	6.37	99	1441166	120.13	ng		0.01
23) Nitrobenzene-d5	7.29	82	928971	82.19	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	314190	107.79	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1676840	83.81	ng		0.00
78) Terphenyl-d14	12.83	244	1434406	88.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	171370	36.247	ng		96
3) Pyridine	3.17	79	481881	39.002	ng		96
4) n-Nitrosodimethylamine	3.13	42	230594	47.606	ng		99
6) Aniline	6.39	93	417389	26.305	ng	#	21
8) 2-Chlorophenol	6.51	128	463269	44.413	ng		96
9) Benzaldehyde	6.27	77	265900	39.909	ng		96
10) Phenol	6.38	94	545893	41.681	ng		74
11) bis(2-Chloroethyl)ether	6.46	93	430068	43.175	ng		98
12) 1,3-Dichlorobenzene	6.66	146	497346	40.091	ng		98
13) 1,4-Dichlorobenzene	6.73	146	500565	40.281	ng		99
14) 1,2-Dichlorobenzene	6.89	146	460394	40.504	ng		99
15) Benzyl Alcohol	6.87	79	358318	42.333	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	703484	42.109	ng		94
17) 2-Methylphenol	6.99	107	393567	43.444	ng	#	93
18) Hexachloroethane	7.22	117	181581	41.932	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	313582	42.714	ng		97
20) 3+4-Methylphenols	7.14	107	465299	43.672	ng	#	81
22) Acetophenone	7.13	105	638267	41.221	ng	#	93
24) Nitrobenzene	7.31	77	483673	41.815	ng		96
25) Isophorone	7.55	82	912488	45.284	ng		98
26) 2-Nitrophenol	7.62	139	270757	44.475	ng		93
27) 2,4-Dimethylphenol	7.66	122	432019	48.871	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	581702	46.732	ng		99
29) 2,4-Dichlorophenol	7.86	162	405829	45.069	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	391773	40.588	ng		99
31) Naphthalene	8.02	128	1347185	41.541	ng		99
32) Benzoic acid	7.79	122	149136	20.137	ng		97
33) 4-Chloroaniline	8.07	127	252545	18.518	ng		99
34) Hexachlorobutadiene	8.13	225	207276	40.206	ng		99
35) Caprolactam	8.46	113	131212m	44.122	ng		
36) 4-Chloro-3-methylphenol	8.57	107	440965	46.459	ng		97
37) 2-Methylnaphthalene	8.72	142	925560	42.854	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	357975	40.446	ng		99
40) Hexachlorocyclopentadiene	8.86	237	335790	84.775	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	252840	42.674	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	270191	40.502	ng		95
45) 1,1'-Biphenyl	9.18	154	1061677	40.361	ng		99
46) 2-Chloronaphthalene	9.20	162	835384	40.857	ng		98
47) 2-Nitroaniline	9.31	65	278123	43.631	ng		98
48) Acenaphthylene	9.62	152	1262294	39.627	ng		99
49) Dimethylphthalate	9.49	163	1010067	41.539	ng		100
50) 2,6-Dinitrotoluene	9.55	165	225054	42.928	ng		98
51) Acenaphthene	9.79	154	731598	39.325	ng		99
52) 3-Nitroaniline	9.72	138	149259	24.067	ng		99
53) 2,4-Dinitrophenol	9.83	184	79979	36.126	ng	#	22
54) Dibenzofuran	9.96	168	1078278	42.827	ng		97
55) 4-Nitrophenol	9.90	139	300018	73.285	ng		97
56) 2,4-Dinitrotoluene	9.96	165	260209	40.361	ng	#	91
57) Fluorene	10.30	166	841775	42.192	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	193123	40.545	ng		97
59) Diethylphthalate	10.19	149	959183	40.593	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	363945	42.075	ng		99
61) 4-Nitroaniline	10.34	138	250761	40.520	ng		89
62) Azobenzene	10.46	77	896184	41.425	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	66996m	19.764	ng		
65) n-Nitrosodiphenylamine	10.42	169	775406	41.578	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	235847	43.118	ng		94
67) Hexachlorobenzene	10.85	284	246348	40.271	ng		93
68) Atrazine	10.95	200	244121	44.321	ng		100
69) Pentachlorophenol	11.05	266	173243	53.911	ng		100
70) Phenanthrene	11.27	178	1189715	40.182	ng		99
71) Anthracene	11.32	178	1241443	41.079	ng		99
72) Carbazole	11.47	167	1161106	39.382	ng		100
73) Di-n-butylphthalate	11.80	149	1468781	39.855	ng		99
74) Fluoranthene	12.45	202	1208650	40.030	ng		100
76) Benzidine	12.57	184	455397	37.171	ng		97
77) Pyrene	12.68	202	1210345	42.924	ng		99
79) Butylbenzylphthalate	13.30	149	622130	44.335	ng		98
80) Benzo(a)anthracene	13.87	228	932186	41.517	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	228287	27.716	ng		98
82) Chrysene	13.91	228	913809	40.077	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	808746	42.886	ng	#	100
84) Di-n-octyl phthalate	14.47	149	1356027	44.217	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	751955	39.933	ng		98
87) Benzo(b)fluoranthene	14.90	252	829641	44.079	ng		98
88) Benzo(k)fluoranthene	14.93	252	761271	42.811	ng		99
89) Benzo(a)pyrene	15.24	252	757116	44.602	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	613093	44.587	ng		100
91) Benzo(g,h,i)perylene	17.12	276	645732	47.560	ng		97

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

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