Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098946.D
Acq On : 29 Sep 2017 14:24
Operator : SJ/JU
Sample : I5450-13MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MS

Manual Integrations APPROVED
Sohil
10/2/2017 5:38:47 PM

Quant Time: Sep 29 16:49:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	141608	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	607365	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	274512	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	447465	20.00	ng		0.00
75) Chrysene-d12	14.09	240	230130	20.00	ng		0.00
86) Perylene-d12	15.57	264	224579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1205516	135.52	ng		0.02
7) Phenol-d6	6.55	99	1403463	127.89	ng		0.00
23) Nitrobenzene-d5	7.49	82	1033119	109.08	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	330284	147.04	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1795156	109.17	ng		0.00
78) Terphenyl-d14	13.03	244	1288691	127.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.97	88	165867	39.034	ng	#	84
3) Pyridine	3.67	79	431002	37.494	ng		97
4) n-Nitrosodimethylamine	3.61	42	229638	47.110	ng	#	98
6) Aniline	6.59	93	80646	5.445	ng		99
8) 2-Chlorophenol	6.71	128	464908	46.150	ng		97
9) Benzaldehyde	6.47	77	96870	15.218	ng		95
10) Phenol	6.57	94	512647	41.771	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	469891	49.250	ng		99
12) 1,3-Dichlorobenzene	6.86	146	498237	47.226	ng		98
13) 1,4-Dichlorobenzene	6.94	146	498643	46.454	ng		97
14) 1,2-Dichlorobenzene	7.09	146	463536	46.736	ng		98
15) Benzyl Alcohol	7.06	79	408082	50.691	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	739066	49.719	ng		98
17) 2-Methylphenol	7.17	107	401879	48.756	ng		98
18) Hexachloroethane	7.43	117	183354	47.523	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	340933	48.662	ng		98
20) 3+4-Methylphenols	7.32	107	470835	45.153	ng	#	78
22) Acetophenone	7.33	105	659789	44.837	ng		98
24) Nitrobenzene	7.50	77	513617	47.808	ng		97
25) Isophorone	7.74	82	975317	49.809	ng		100
26) 2-Nitrophenol	7.82	139	263711	51.045	ng		96
27) 2,4-Dimethylphenol	7.85	122	461670	47.319	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	621780	50.955	ng		99
29) 2,4-Dichlorophenol	8.06	162	409581	48.895	ng		97
30) 1,2,4-Trichlorobenzene	8.14	180	411079	49.066	ng		99
31) Naphthalene	8.22	128	1396277	48.948	ng		99
32) Benzoic acid	7.98	122	241951	30.190	ng		100
33) 4-Chloroaniline	8.26	127	77161	6.477	ng		97
34) Hexachlorobutadiene	8.33	225	205407	47.600	ng		99
35) Caprolactam	8.66	113	115704m	43.060	ng		
36) 4-Chloro-3-methylphenol	8.75	107	448343	47.618	ng		98
37) 2-Methylnaphthalene	8.92	142	969993	52.308	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	367631	44.906	ng		98
40) Hexachlorocyclopentadiene	9.06	237	255771	68.364	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	280172	48.308	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	284946	49.217	ng		97
45) 1,1'-Biphenyl	9.38	154	1098621	46.566	ng		99
46) 2-Chloronaphthalene	9.40	162	873596	49.317	ng		99
47) 2-Nitroaniline	9.50	65	287866	53.073	ng		95
48) Acenaphthylene	9.82	152	1325643	48.886	ng		100
49) Dimethylphthalate	9.68	163	1114137	53.775	ng		99
50) 2,6-Dinitrotoluene	9.75	165	238730	52.927	ng		90
51) Acenaphthene	9.99	154	799016	46.516	ng		100
52) 3-Nitroaniline	9.90	138	56610	10.764	ng	#	94
53) 2,4-Dinitrophenol	10.02	184	147374	64.012	ng		93
54) Dibenzofuran	10.17	168	1185486	51.834	ng		99
55) 4-Nitrophenol	10.07	139	362478	81.508	ng		96
56) 2,4-Dinitrotoluene	10.15	165	319138	54.517	ng		91
57) Fluorene	10.51	166	886647	48.233	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	206609	51.660	ng		96
59) Diethylphthalate	10.38	149	1045504	51.642	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	407710	49.374	ng		97
61) 4-Nitroaniline	10.53	138	219716	43.302	ng		98
62) Azobenzene	10.66	77	982576	52.785	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	119011	43.714	ng		90
65) n-Nitrosodiphenylamine	10.62	169	829426	53.506	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	241291	55.090	ng		99
67) Hexachlorobenzene	11.06	284	231197	49.423	ng		98
68) Atrazine	11.14	200	254370	54.540	ng		99
69) Pentachlorophenol	11.25	266	242576	83.320	ng		99
70) Phenanthrene	11.47	178	1225578	51.169	ng		99
71) Anthracene	11.53	178	1254709	51.198	ng		99
72) Carbazole	11.67	167	1159600	48.319	ng		100
73) Di-n-butylphthalate	12.00	149	1556620	53.887	ng		100
74) Fluoranthene	12.66	202	1101361	45.410	ng		98
76) Benzidine	12.77	184	242005	28.432	ng		97
77) Pyrene	12.89	202	1086037	61.888	ng		99
79) Butylbenzylphthalate	13.50	149	552496	66.991	ng		96
80) Benzo(a)anthracene	14.07	228	742968	53.317	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	142848	27.963	ng		100
82) Chrysene	14.12	228	691367	52.113	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	738216	65.006	ng	#	99
84) Di-n-octyl phthalate	14.66	149	1095385	59.904	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	758178	71.442	ng		97
87) Benzo(b)fluoranthene	15.14	252	679127	49.183	ng		97
88) Benzo(k)fluoranthene	15.17	252	660734	48.447	ng		99
89) Benzo(a)pyrene	15.52	252	671022	52.942	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	632404	62.345	ng		97
91) Benzo(g,h,i)perylene	17.56	276	621352	61.970	ng		96

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

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