Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084199.D
Acq On : 31 Dec 2015 17:16
Operator : UM/SJ
Sample : G4825-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Manual Integrations APPROVED
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1/4/2016 4:28:46 PM

Quant Time: Jan 02 03:50:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	294129	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1201366	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	567167	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	1094667	20.00	ng		0.00
75) Chrysene-d12	14.05	240	776664	20.00	ng		-0.01
86) Perylene-d12	15.49	264	576235	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1863137	102.46	ng		0.01
7) Phenol-d6	6.52	99	2521392	110.40	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1485849	68.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	586677	102.46	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2523114	77.72	ng		0.00
78) Terphenyl-d14	13.01	244	2371395	68.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	8818m	1.02	ng		
3) Pyridine	3.53	79	10633m	0.44	ng		
4) n-Nitrosodimethylamine	3.32	42	10913m	0.89	ng		
6) Aniline	6.56	93	20063	0.60	ng	#	87
8) 2-Chlorophenol	6.68	128	21902	1.06	ng		97
9) Benzaldehyde	6.44	77	14500	0.98	ng		94
10) Phenol	6.53	94	16651	0.64	ng	#	1
11) bis(2-Chloroethyl)ether	6.64	93	17387m	0.86	ng		
12) 1,3-Dichlorobenzene	6.84	146	19607	0.92	ng		94
13) 1,4-Dichlorobenzene	6.92	146	16594m	0.78	ng		
14) 1,2-Dichlorobenzene	7.07	146	18372	0.90	ng		98
15) Benzyl Alcohol	7.06	79	44539	2.32	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	7.18	45	29732	0.81	ng		89
17) 2-Methylphenol	7.15	107	14590	0.84	ng		96
18) Hexachloroethane	7.41	117	7128	0.84	ng		84
19) n-Nitroso-di-n-propylamine	7.31	70	12698	0.82	ng	#	81
20) 3+4-Methylphenols	7.30	107	18914	0.93	ng	#	79
22) Acetophenone	7.30	105	23872	0.83	ng	#	73
24) Nitrobenzene	7.48	77	21763	0.99	ng	#	87
25) Isophorone	7.72	82	33452m	0.81	ng		
26) 2-Nitrophenol	7.80	139	6209	0.62	ng		94
27) 2,4-Dimethylphenol	7.84	122	15422	0.76	ng		83
28) bis(2-Chloroethoxy)methane	7.93	93	19599	0.78	ng	#	93
29) 2,4-Dichlorophenol	8.04	162	11458	0.68	ng		92
30) 1,2,4-Trichlorobenzene	8.12	180	13913	0.80	ng		97
31) Naphthalene	8.20	128	49965	0.92	ng		99
33) 4-Chloroaniline	8.25	127	16951	0.68	ng	#	91
34) Hexachlorobutadiene	8.33	225	7770	0.78	ng		93
35) Caprolactam	8.58	113	3417	0.60	ng	#	65
36) 4-Chloro-3-methylphenol	8.73	107	14715	0.78	ng		97
37) 2-Methylnaphthalene	8.90	142	34939	0.89	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	14035	0.86	ng		96
40) Hexachlorocyclopentadiene	9.06	237	5807	0.59	ng		98
42) 2,4,6-Trichlorophenol	9.17	196	8817	0.72	ng		93

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	7405	0.63	ng	#	77
45) 1,1'-Biphenyl	9.37	154	41096	0.91	ng		90
46) 2-Chloronaphthalene	9.39	162	30413	0.86	ng	#	89
47) 2-Nitroaniline	9.47	65	6785	0.58	ng	#	89
48) Acenaphthylene	9.80	152	46177	0.88	ng		97
49) Dimethylphthalate	9.65	163	35525	0.88	ng	#	88
50) 2,6-Dinitrotoluene	9.72	165	5300	0.60	ng		98
51) Acenaphthene	9.97	154	32915	0.94	ng		96
52) 3-Nitroaniline	9.88	138	7136	0.65	ng	#	96
54) Dibenzofuran	10.14	168	46858	Below Cal			98
55) 4-Nitrophenol	10.03	139	2577	0.32	ng	#	35
56) 2,4-Dinitrotoluene	10.11	165	5455	0.48	ng	#	36
57) Fluorene	10.49	166	35165	Below Cal			95
58) 2,3,4,6-Tetrachlorophenol	10.26	232	5133	0.51	ng	#	88
59) Diethylphthalate	10.36	149	37609	0.94	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	15114	Below Cal		#	87
61) 4-Nitroaniline	10.49	138	5686	0.58	ng		88
62) Azobenzene	10.64	77	32976	0.75	ng		84
64) 4,6-Dinitro-2-methylphenol	10.52	198	346	6.46	ng	#	1
65) n-Nitrosodiphenylamine	10.60	169	25741	0.74	ng		94
66) 4-Bromophenyl-phenylether	10.97	248	10202	0.87	ng	#	69
67) Hexachlorobenzene	11.04	284	10736	0.81	ng	#	88
68) Atrazine	11.12	200	8350	0.73	ng		96
69) Pentachlorophenol	11.23	266	394	0.06	ng	#	18
70) Phenanthrene	11.45	178	56769	0.99	ng		98
71) Anthracene	11.49	178	53496	0.95	ng		100
72) Carbazole	11.65	167	41695	0.76	ng	#	96
73) Di-n-butylphthalate	12.00	149	45668	Below Cal		#	98
74) Fluoranthene	12.64	202	49517	0.83	ng		91
76) Benzidine	12.75	184	11346	0.41	ng		94
77) Pyrene	12.86	202	49239	0.81	ng		96
79) Butylbenzylphthalate	13.48	149	15339	0.58	ng	#	87
80) Benzo(a)anthracene	14.04	228	38880	0.85	ng		94
81) 3,3'-Dichlorobenzidine	14.01	252	6732	0.42	ng	#	92
82) Chrysene	14.08	228	34884	0.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	23326	0.70	ng	#	92
84) Di-n-octyl phthalate	14.66	149	30814	0.55	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.90	276	23583	0.68	ng	#	91
87) Benzo(b)fluoranthene	15.08	252	28416	0.75	ng		98
88) Benzo(k)fluoranthene	15.11	252	24377m	0.79	ng		
89) Benzo(a)pyrene	15.44	252	22653	0.71	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	19422	0.71	ng	#	95
91) Benzo(g,h,i)perylene	17.32	276	20453	0.72	ng		97

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

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