Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091837.D
Acq On : 21 Dec 2016 17:00
Operator : UM/SJ
Sample : H6103-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Manual Integrations APPROVED
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12/22/2016 7:08:43 PM

Quant Time: Dec 22 02:41:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	253861	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1071105	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	593228	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	958492	20.00	ng		0.00
75) Chrysene-d12	13.91	240	794165	20.00	ng		0.00
86) Perylene-d12	15.30	264	732759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2562392	168.54	ng		0.02
7) Phenol-d6	6.40	99	2775489	149.52	ng		-0.01
23) Nitrobenzene-d5	7.31	82	2031316	105.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	631551	128.64	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3224875	116.10	ng		0.00
78) Terphenyl-d14	12.85	244	2864978	87.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	152053	20.31	ng	#	94
3) Pyridine	3.12	79	361021	13.82	ng		95
4) n-Nitrosodimethylamine	3.02	42	161792	16.42	ng		97
6) Aniline	6.41	93	232037	9.62	ng	#	84
8) 2-Chlorophenol	6.53	128	310233	17.94	ng		98
9) Benzaldehyde	6.29	77	183979	13.96	ng		91
10) Phenol	6.41	94	244522	11.56	ng	#	68
11) bis(2-Chloroethyl)ether	6.49	93	290904	17.28	ng		99
12) 1,3-Dichlorobenzene	6.68	146	302380m	16.38	ng		
13) 1,4-Dichlorobenzene	6.76	146	321104	17.09	ng		97
14) 1,2-Dichlorobenzene	6.92	146	264447m	16.22	ng		
15) Benzyl Alcohol	6.89	79	257434	17.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	442431	17.65	ng		84
17) 2-Methylphenol	7.01	107	243980	17.54	ng		99
18) Hexachloroethane	7.25	117	116371	16.70	ng	#	87
19) n-Nitroso-di-n-propylamine	7.16	70	210427	17.04	ng		97
20) 3+4-Methylphenols	7.17	107	322355	19.43	ng	#	74
22) Acetophenone	7.16	105	440902	16.69	ng	#	95
24) Nitrobenzene	7.33	77	350176	17.07	ng	#	89
25) Isophorone	7.57	82	576719	16.23	ng		98
26) 2-Nitrophenol	7.65	139	165688	16.38	ng	#	81
27) 2,4-Dimethylphenol	7.70	122	287736	17.15	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	355875	16.51	ng		99
29) 2,4-Dichlorophenol	7.89	162	231880	16.32	ng		89
30) 1,2,4-Trichlorobenzene	7.97	180	252924	16.24	ng		95
31) Naphthalene	8.05	128	867843	17.70	ng		99
32) Benzoic acid	7.80	122	191986	15.43	ng		99
33) 4-Chloroaniline	8.11	127	258654	11.70	ng		94
34) Hexachlorobutadiene	8.18	225	146347	17.81	ng		99
35) Caprolactam	8.46	113	77821	16.67	ng	#	77
36) 4-Chloro-3-methylphenol	8.60	107	276032	16.88	ng		90
37) 2-Methylnaphthalene	8.75	142	578070	15.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	241601	16.12	ng		99
40) Hexachlorocyclopentadiene	8.90	237	76278	14.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	171718	16.38	ng		96
43) 2,4,5-Trichlorophenol	9.07	196	167806	15.56	ng		95
45) 1,1'-Biphenyl	9.21	154	692886	17.06	ng		97
46) 2-Chloronaphthalene	9.23	162	517525	16.09	ng		94
47) 2-Nitroaniline	9.33	65	188025	16.42	ng	#	84
48) Acenaphthylene	9.64	152	828038	16.74	ng		98
49) Dimethylphthalate	9.52	163	666273	17.56	ng		100
50) 2,6-Dinitrotoluene	9.57	165	140687	16.94	ng	#	86
51) Acenaphthene	9.81	154	555333	16.56	ng		99
52) 3-Nitroaniline	9.74	138	127462	12.40	ng	#	78
53) 2,4-Dinitrophenol	9.85	184	56698	12.27	ng	#	59
54) Dibenzofuran	9.98	168	715768	15.80	ng		99
55) 4-Nitrophenol	9.92	139	119915	17.18	ng		89
56) 2,4-Dinitrotoluene	9.97	165	177539	17.03	ng		91
57) Fluorene	10.33	166	569474	17.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	134220	15.73	ng		98
59) Diethylphthalate	10.21	149	621133	16.86	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	274741	19.04	ng		88
61) 4-Nitroaniline	10.35	138	161704	15.18	ng		99
62) Azobenzene	10.49	77	689828	17.00	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	89547	15.45	ng	#	68
65) n-Nitrosodiphenylamine	10.44	169	492285	17.31	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	166714	16.72	ng	#	77
67) Hexachlorobenzene	10.88	284	171564	16.10	ng	#	80
68) Atrazine	10.98	200	122097	13.31	ng		94
69) Pentachlorophenol	11.08	266	71336	13.64	ng		99
70) Phenanthrene	11.29	178	874165	16.82	ng		98
71) Anthracene	11.34	178	899406	15.70	ng		96
72) Carbazole	11.49	167	793627	14.27	ng		98
73) Di-n-butylphthalate	11.84	149	967777	17.11	ng		98
74) Fluoranthene	12.48	202	927212	18.04	ng		93
76) Benzidine	12.60	184	220095	7.50	ng		99
77) Pyrene	12.70	202	960669	16.49	ng		98
79) Butylbenzylphthalate	13.33	149	406585	15.34	ng	#	75
80) Benzo(a)anthracene	13.89	228	735647	16.41	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	204774	12.05	ng	#	95
82) Chrysene	13.93	228	772912	17.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	514316	16.48	ng	#	97
84) Di-n-octyl phthalate	14.50	149	926633	16.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	642855	16.50	ng		99
87) Benzo(b)fluoranthene	14.90	252	678700m	14.88	ng		
88) Benzo(k)fluoranthene	14.93	252	723381m	18.59	ng		
89) Benzo(a)pyrene	15.24	252	664035	16.40	ng	#	95
90) Dibenzo(a,h)anthracene	16.65	278	544478	16.36	ng		95
91) Benzo(g,h,i)perylene	17.03	276	542916	15.69	ng	#	93

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

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