Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089140.D
Acq On : 20 Jul 2016 19:23
Operator : UM/SJ
Sample : H3606-05
Misc : LOD 1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Quant Time: Jul 21 12:02:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	62034	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	279992	20.00	ng		0.00
38) Acenaphthene-d10	9.62	164	130166	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	261928	20.00	ng		-0.01
75) Chrysene-d12	13.73	240	207376	20.00	ng		0.00
86) Perylene-d12	15.06	264	160987	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	393847	96.56	ng		0.01
7) Phenol-d6	6.26	99	515714	98.05	ng		-0.01
23) Nitrobenzene-d5	7.16	82	313520	59.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	122297	104.36	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	575113	60.88	ng		-0.01
78) Terphenyl-d14	12.69	244	520748	54.47	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.27	93	2270	0.32	ng	#	1
8) 2-Chlorophenol	6.39	128	2529	0.56	ng	#	11
9) Benzaldehyde	6.16	77	2196	0.30	ng		98
10) Phenol	6.27	94	3484	0.57	ng	#	1
11) bis(2-Chloroethyl)ether	6.34	93	3450	0.76	ng		85
12) 1,3-Dichlorobenzene	6.54	146	2947	0.59	ng		96
13) 1,4-Dichlorobenzene	6.62	146	3097	0.62	ng		89
14) 1,2-Dichlorobenzene	6.76	146	2931m	0.62	ng		
15) Benzyl Alcohol	6.75	79	8062	2.09	ng	#	49
16) 2,2'-oxybis(1-Chloropropan	6.89	45	3110	0.60	ng		76
17) 2-Methylphenol	6.89	107	2356	0.66	ng	#	88
18) Hexachloroethane	7.11	117	950	0.50	ng	#	82
19) n-Nitroso-di-n-propylamine	7.02	70	1864	0.54	ng	#	90
20) 3+4-Methylphenols	7.06	107	2632	0.54	ng		86
22) Acetophenone	7.02	105	4249	0.57	ng	#	94
24) Nitrobenzene	7.19	77	4376	0.79	ng		95
25) Isophorone	7.43	82	6026m	0.62	ng		
26) 2-Nitrophenol	7.51	139	1222m	0.47	ng		
27) 2,4-Dimethylphenol	7.56	122	2205	0.50	ng		91
28) bis(2-Chloroethoxy)methane	7.64	93	3207m	0.53	ng		
29) 2,4-Dichlorophenol	7.77	162	2062	0.52	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	2830	0.65	ng		91
31) Naphthalene	7.91	128	9119	0.60	ng		98
33) 4-Chloroaniline	7.98	127	2535	0.40	ng	#	93
34) Hexachlorobutadiene	8.02	225	1241	0.51	ng		96
35) Caprolactam	8.30	113	241	0.20	ng	#	74
36) 4-Chloro-3-methylphenol	8.47	107	2585	0.55	ng		89
37) 2-Methylnaphthalene	8.59	142	6025	0.63	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	2326	0.48	ng	#	97
42) 2,4,6-Trichlorophenol	8.88	196	1500m	0.55	ng		
43) 2,4,5-Trichlorophenol	8.94	196	1553m	0.57	ng		
45) 1,1'-Biphenyl	9.06	154	7489	0.64	ng		96
46) 2-Chloronaphthalene	9.08	162	5737	0.64	ng		92
47) 2-Nitroaniline	9.19	65	1640	0.54	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.48	152	8931	0.64	ng		98
49) Dimethylphthalate	9.36	163	7142	0.72	ng	#	96
50) 2,6-Dinitrotoluene	9.43	165	1202	0.53	ng		92
51) Acenaphthene	9.66	154	5745	0.69	ng		97
52) 3-Nitroaniline	9.60	138	1278	0.48	ng	#	79
54) Dibenzofuran	9.83	168	8190	0.73	ng	#	89
55) 4-Nitrophenol	9.82	139	513m	0.32	ng		
56) 2,4-Dinitrotoluene	9.83	165	1676	0.58	ng	#	85
57) Fluorene	10.17	166	6909	0.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	1125	0.58	ng	#	84
59) Diethylphthalate	10.06	149	6967	0.70	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	3185	0.73	ng	#	85
61) 4-Nitroaniline	10.20	138	1158	0.44	ng		95
62) Azobenzene	10.33	77	7674	0.71	ng		91
65) n-Nitrosodiphenylamine	10.28	169	5394	0.62	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	1723	0.66	ng	#	77
67) Hexachlorobenzene	10.72	284	1715	0.62	ng	#	84
68) Atrazine	10.82	200	1435	0.52	ng		89
70) Phenanthrene	11.12	178	10176	0.71	ng		99
71) Anthracene	11.18	178	10451	0.70	ng		98
72) Carbazole	11.34	167	9231	0.70	ng		97
73) Di-n-butylphthalate	11.68	149	11139	0.69	ng		99
74) Fluoranthene	12.31	202	9804	0.65	ng		93
76) Benzidine	12.43	184	1346m	0.19	ng		
77) Pyrene	12.53	202	10894	0.64	ng		99
79) Butylbenzylphthalate	13.17	149	4025	0.56	ng	#	79
80) Benzo(a)anthracene	13.71	228	8981	0.68	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	1530	0.35	ng	#	80
82) Chrysene	13.75	228	8084	0.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	6032m	0.63	ng		
84) Di-n-octyl phthalate	14.33	149	9013	0.57	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.29	276	4909	0.54	ng		98
87) Benzo(b)fluoranthene	14.71	252	8770m	0.75	ng		
88) Benzo(k)fluoranthene	14.73	252	4435m	0.53	ng		
89) Benzo(a)pyrene	15.01	252	6274	0.69	ng		97
90) Dibenzo(a,h)anthracene	16.30	278	3899	0.55	ng	#	90
91) Benzo(g,h,i)perylene	16.65	276	4336	0.60	ng		97

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

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