Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089139.D
Acq On : 20 Jul 2016 18:53
Operator : UM/SJ
Sample : H3606-06
Misc : LOQ 20PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2016-02

Quant Time: Jul 21 01:47:46 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	61239	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	265005	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	134273	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	266539	20.00	ng		0.00
75) Chrysene-d12	13.73	240	205936	20.00	ng		0.00
86) Perylene-d12	15.06	264	165988	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	423679	105.22	ng		0.01
7) Phenol-d6	6.26	99	565874	108.98	ng		-0.01
23) Nitrobenzene-d5	7.18	82	371010	74.39	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	125211	103.57	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	673600	69.12	ng		0.00
78) Terphenyl-d14	12.69	244	571503	60.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	19070	10.91	ng	#	72
3) Pyridine	2.80	79	46843	10.55	ng		98
4) n-Nitrosodimethylamine	2.72	42	25645	13.72	ng		99
6) Aniline	6.27	93	42561	6.07	ng	#	1
8) 2-Chlorophenol	6.39	128	64691	14.48	ng		84
9) Benzaldehyde	6.15	77	50932	16.02	ng		96
10) Phenol	6.28	94	80139	13.40	ng		98
11) bis(2-Chloroethyl)ether	6.34	93	63243	14.08	ng		87
12) 1,3-Dichlorobenzene	6.54	146	66823	13.54	ng		97
13) 1,4-Dichlorobenzene	6.62	146	70444	14.18	ng		96
14) 1,2-Dichlorobenzene	6.76	146	60571m	12.93	ng		
15) Benzyl Alcohol	6.75	79	60511	15.91	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.89	45	68408	13.36	ng	#	69
17) 2-Methylphenol	6.88	107	52991	15.06	ng		96
18) Hexachloroethane	7.11	117	26077	13.96	ng		92
19) n-Nitroso-di-n-propylamine	7.03	70	48422	14.26	ng		97
20) 3+4-Methylphenols	7.04	107	72824	15.24	ng		92
22) Acetophenone	7.02	105	94385	13.34	ng		98
24) Nitrobenzene	7.19	77	71533	13.60	ng		90
25) Isophorone	7.43	82	129577	14.10	ng		97
26) 2-Nitrophenol	7.51	139	34677	14.13	ng	#	85
27) 2,4-Dimethylphenol	7.56	122	55381	13.40	ng		92
28) bis(2-Chloroethoxy)methane	7.64	93	76526	13.31	ng		99
29) 2,4-Dichlorophenol	7.76	162	52089	13.98	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	54924	13.32	ng		96
31) Naphthalene	7.91	128	197462	13.81	ng		99
32) Benzoic acid	7.68	122	31341	9.86	ng		95
33) 4-Chloroaniline	7.96	127	32227	5.36	ng	#	91
34) Hexachlorobutadiene	8.03	225	28569	12.45	ng		98
35) Caprolactam	8.32	113	17848	15.43	ng		97
36) 4-Chloro-3-methylphenol	8.47	107	60287	13.43	ng		89
37) 2-Methylnaphthalene	8.59	142	123272	13.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	56588	11.34	ng		98
40) Hexachlorocyclopentadiene	8.75	237	14092	16.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	37600	13.46	ng		94
43) 2,4,5-Trichlorophenol	8.92	196	39232	13.99	ng	#	88
45) 1,1'-Biphenyl	9.06	154	161476	13.35	ng		96
46) 2-Chloronaphthalene	9.08	162	120221	13.08	ng		94
47) 2-Nitroaniline	9.19	65	39738	12.61	ng	#	79
48) Acenaphthylene	9.48	152	189954	13.15	ng		99
49) Dimethylphthalate	9.37	163	146224	14.19	ng		99
50) 2,6-Dinitrotoluene	9.43	165	32585	14.01	ng	#	82
51) Acenaphthene	9.67	154	112683	13.19	ng		100
52) 3-Nitroaniline	9.60	138	18769	6.79	ng		98
53) 2,4-Dinitrophenol	9.71	184	10794	16.66	ng	#	87
54) Dibenzofuran	9.84	168	172129	14.91	ng		92
55) 4-Nitrophenol	9.78	139	21591	12.92	ng	#	87
56) 2,4-Dinitrotoluene	9.83	165	42660	14.24	ng		98
57) Fluorene	10.17	166	135948	13.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	30090	14.94	ng		97
59) Diethylphthalate	10.07	149	155097	15.18	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	61806	13.81	ng	#	77
61) 4-Nitroaniline	10.20	138	32951	12.26	ng		98
62) Azobenzene	10.33	77	165535	14.91	ng		94
64) 4,6-Dinitro-2-methylphenol	10.24	198	19100	12.31	ng		84
65) n-Nitrosodiphenylamine	10.30	169	127568	14.32	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	35668	13.52	ng	#	81
67) Hexachlorobenzene	10.72	284	36961	13.03	ng	#	70
68) Atrazine	10.82	200	39392	14.14	ng		98
69) Pentachlorophenol	10.92	266	14516	11.09	ng		93
70) Phenanthrene	11.13	178	206382	14.12	ng		99
71) Anthracene	11.18	178	212723	14.00	ng		99
72) Carbazole	11.34	167	185220	13.87	ng		99
73) Di-n-butylphthalate	11.68	149	247828	15.01	ng		99
74) Fluoranthene	12.31	202	216752	14.10	ng		92
76) Benzidine	12.43	184	28359	4.01	ng		99
77) Pyrene	12.53	202	205205	12.07	ng		99
79) Butylbenzylphthalate	13.17	149	99864	13.88	ng		85
80) Benzo(a)anthracene	13.71	228	176308	13.44	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	48487	11.14	ng	#	97
82) Chrysene	13.75	228	168064	13.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	125686	13.17	ng	#	98
84) Di-n-octyl phthalate	14.33	149	212974	13.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	125451	13.79	ng		99
87) Benzo(b)fluoranthene	14.71	252	173131m	14.40	ng		
88) Benzo(k)fluoranthene	14.73	252	128420m	14.94	ng		
89) Benzo(a)pyrene	15.02	252	139276	14.92	ng	#	93
90) Dibenzo(a,h)anthracene	16.30	278	102519	13.91	ng	#	93
91) Benzo(g,h,i)perylene	16.65	276	102662	13.82	ng		96

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

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