Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090632.D
Acq On : 18 Oct 2016 17:13
Operator : UM/SJ
Sample : H5289-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2MS

Quant Time: Oct 19 11:22:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	231294	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	1040334	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	539734	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	775673	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	535682	20.00	ng		0.00
86) Perylene-d12	15.54	264	484139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1461547	115.84	ng		0.00
7) Phenol-d6	6.54	99	2078291	110.86	ng		0.00
23) Nitrobenzene-d5	7.47	82	1414013	75.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	443922	92.25	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	2150197	65.64	ng		0.00
78) Terphenyl-d14	13.02	244	1524952	66.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	243382	33.85	ng		96
3) Pyridine	3.33	79	564096m	35.00	ng		
4) n-Nitrosodimethylamine	3.27	42	241864	42.83	ng		83
6) Aniline	6.63	93	1016266	44.86	ng	#	56
8) 2-Chlorophenol	6.69	128	709703	43.38	ng		87
9) Benzaldehyde	6.44	77	167986	14.10	ng		91
10) Phenol	6.55	94	791982	36.94	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	1016266	57.45	ng		99
12) 1,3-Dichlorobenzene	6.84	146	651915	39.96	ng		98
13) 1,4-Dichlorobenzene	6.92	146	691935	38.99	ng		99
14) 1,2-Dichlorobenzene	7.07	146	634393	38.24	ng		97
15) Benzyl Alcohol	7.05	79	583469	45.69	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1043274	41.91	ng		91
17) 2-Methylphenol	7.16	107	516673	40.53	ng		97
18) Hexachloroethane	7.41	117	251482	35.86	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	521255	40.55	ng	#	94
20) 3+4-Methylphenols	7.32	107	677025	43.80	ng	#	73
22) Acetophenone	7.31	105	953659	41.49	ng	#	93
24) Nitrobenzene	7.49	77	810417	42.16	ng	#	87
25) Isophorone	7.73	82	1443828	42.36	ng	#	92
26) 2-Nitrophenol	7.80	139	293503	33.66	ng		91
27) 2,4-Dimethylphenol	7.85	122	528223	36.51	ng		95
28) bis(2-Chloroethoxy)methane	7.94	93	850998	42.28	ng		99
29) 2,4-Dichlorophenol	8.05	162	519973	41.03	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	551585	37.16	ng		98
31) Naphthalene	8.21	128	1953912	36.87	ng		98
32) Benzoic acid	7.93	122	51499	5.79	ng		95
33) 4-Chloroaniline	8.29	127	348053	17.18	ng		97
34) Hexachlorobutadiene	8.33	225	267064	32.20	ng		99
35) Caprolactam	8.63	113	180405	51.00	ng	#	80
36) 4-Chloro-3-methylphenol	8.75	107	548716	37.52	ng		93
37) 2-Methylnaphthalene	8.91	142	1336308	42.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	467371	32.66	ng		99
40) Hexachlorocyclopentadiene	9.06	237	290651	41.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	335166	41.52	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	345951	35.93	ng		97
45) 1,1'-Biphenyl	9.37	154	1400636	34.10	ng		96
46) 2-Chloronaphthalene	9.40	162	1149106	37.52	ng		93
47) 2-Nitroaniline	9.49	65	423920	38.18	ng		88
48) Acenaphthylene	9.81	152	1758130	36.05	ng		99
49) Dimethylphthalate	9.67	163	1562249	44.61	ng		99
50) 2,6-Dinitrotoluene	9.73	165	258866	33.78	ng	#	54
51) Acenaphthene	9.98	154	1057616	32.63	ng		100
52) 3-Nitroaniline	9.90	138	267226	27.79	ng		91
53) 2,4-Dinitrophenol	10.01	184	38396	14.25	ng	#	79
54) Dibenzofuran	10.15	168	1503248	35.26	ng		92
55) 4-Nitrophenol	10.07	139	400959	69.29	ng		95
56) 2,4-Dinitrotoluene	10.14	165	401402	38.57	ng		91
57) Fluorene	10.50	166	1187093	33.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	265081	33.05	ng		98
59) Diethylphthalate	10.37	149	1272588	35.83	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	522321	31.51	ng	#	82
61) 4-Nitroaniline	10.52	138	266819	27.67	ng		96
62) Azobenzene	10.65	77	1534618	37.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	48512	10.33	ng	#	17
65) n-Nitrosodiphenylamine	10.61	169	1068982	41.72	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	290438	34.90	ng	#	78
67) Hexachlorobenzene	11.05	284	312371	34.57	ng		91
68) Atrazine	11.14	200	268599	37.90	ng		99
69) Pentachlorophenol	11.24	266	308991	68.99	ng		97
70) Phenanthrene	11.46	178	1700970	41.08	ng		99
71) Anthracene	11.51	178	1698141	38.11	ng		99
72) Carbazole	11.66	167	1301251	32.62	ng		98
73) Di-n-butylphthalate	11.99	149	1807545	38.68	ng	#	98
74) Fluoranthene	12.65	202	1542017	37.03	ng		90
76) Benzidine	12.78	184	49010	3.68	ng	#	93
77) Pyrene	12.87	202	1474503	41.56	ng		99
79) Butylbenzylphthalate	13.49	149	651979	41.48	ng	#	74
80) Benzo(a)anthracene	14.07	228	1342426	44.02	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	257085	24.68	ng	#	94
82) Chrysene	14.11	228	1332337	45.34	ng		98
83) Bis(2-ethylhexyl)phthalate	14.06	149	928248	43.77	ng	#	98
84) Di-n-octyl phthalate	14.67	149	1457087	51.24	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	1013329	59.65	ng		98
87) Benzo(b)fluoranthene	15.13	252	1711430m	54.02	ng		
88) Benzo(k)fluoranthene	15.15	252	972020m	28.52	ng		
89) Benzo(a)pyrene	15.48	252	1111825	38.33	ng		100
90) Dibenzo(a,h)anthracene	17.01	278	821815	37.16	ng		97
91) Benzo(g,h,i)perylene	17.44	276	765997	36.32	ng		98

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

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