Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089436.D
Acq On : 30 Jul 2016 4:41
Operator : UM/SJ
Sample : H4221-23MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Manual Integrations APPROVED
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8/1/2016 6:59:46 PM

Quant Time: Jul 30 05:08:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	42107	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	173946	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	72195	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	123902	20.00	ng		0.00
75) Chrysene-d12	13.63	240	81455	20.00	ng		0.00
86) Perylene-d12	14.97	264	87560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	225467	85.50	ng		0.01
7) Phenol-d6	6.18	99	226607	65.02	ng		0.00
23) Nitrobenzene-d5	7.10	82	281841	95.64	ng		0.00
41) 2,4,6-Tribromophenol	10.33	330	67592	113.04	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	457794	93.06	ng		0.00
78) Terphenyl-d14	12.59	244	281621	80.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	30974	24.57	ng		93
3) Pyridine	2.58	79	51696	20.04	ng		99
4) n-Nitrosodimethylamine	2.54	42	24260	26.89	ng		92
6) Aniline	6.18	93	108149	28.74	ng		94
8) 2-Chlorophenol	6.31	128	111005	37.21	ng		96
9) Benzaldehyde	6.06	77	75152	44.16	ng		92
10) Phenol	6.19	94	82765	21.52	ng		99
11) bis(2-Chloroethyl)ether	6.26	93	131725	40.31	ng		93
12) 1,3-Dichlorobenzene	6.46	146	99778m	31.98	ng		
13) 1,4-Dichlorobenzene	6.54	146	114845	33.35	ng		96
14) 1,2-Dichlorobenzene	6.68	146	117135	36.31	ng		94
15) Benzyl Alcohol	6.67	79	89167	41.23	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.81	45	134687	37.79	ng		89
17) 2-Methylphenol	6.80	107	79705	34.57	ng		99
18) Hexachloroethane	7.03	117	42339	32.07	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	91500	43.54	ng	#	90
20) 3+4-Methylphenols	6.96	107	103827	35.07	ng		92
22) Acetophenone	6.94	105	163399	39.46	ng	#	93
24) Nitrobenzene	7.11	77	124878	37.23	ng		89
25) Isophorone	7.35	82	248516	41.86	ng		97
26) 2-Nitrophenol	7.43	139	62651	41.78	ng	#	87
27) 2,4-Dimethylphenol	7.48	122	96114	40.23	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	163297	49.69	ng		98
29) 2,4-Dichlorophenol	7.68	162	94100	43.23	ng		96
30) 1,2,4-Trichlorobenzene	7.75	180	96078	38.68	ng		94
31) Naphthalene	7.83	128	361132	41.93	ng		99
32) Benzoic acid	7.61	122	18217	10.94	ng		94
33) 4-Chloroaniline	7.90	127	85052	25.94	ng		99
34) Hexachlorobutadiene	7.95	225	47769	33.58	ng		98
35) Caprolactam	8.25	113	7494	11.41	ng		92
36) 4-Chloro-3-methylphenol	8.38	107	103965	40.19	ng		90
37) 2-Methylnaphthalene	8.51	142	219771	42.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	91951	36.40	ng		99
40) Hexachlorocyclopentadiene	8.67	237	43324	62.37	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	59181	49.27	ng		98
43) 2,4,5-Trichlorophenol	8.84	196	65609	43.12	ng		96
45) 1,1'-Biphenyl	8.98	154	256813	41.78	ng		96
46) 2-Chloronaphthalene	9.00	162	209072	45.29	ng		92
47) 2-Nitroaniline	9.11	65	64187	46.95	ng		87
48) Acenaphthylene	9.40	152	318878	43.85	ng		99
49) Dimethylphthalate	9.29	163	246701	44.90	ng		100
50) 2,6-Dinitrotoluene	9.35	165	49651	43.98	ng	#	64
51) Acenaphthene	9.58	154	185522	43.69	ng		99
52) 3-Nitroaniline	9.52	138	40311	33.84	ng	#	83
53) 2,4-Dinitrophenol	9.64	184	24676	56.45	ng		96
54) Dibenzofuran	9.75	168	277085	47.89	ng		96
55) 4-Nitrophenol	9.71	139	16596m	32.57	ng		
56) 2,4-Dinitrotoluene	9.76	165	65298	43.93	ng	#	68
57) Fluorene	10.09	166	223908	44.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	47604	46.86	ng		95
59) Diethylphthalate	9.99	149	262652	47.15	ng		96
60) 4-Chlorophenyl-phenylether	10.09	204	108478	46.82	ng		93
61) 4-Nitroaniline	10.14	138	39818	32.42	ng		85
62) Azobenzene	10.25	77	274469	47.84	ng		88
64) 4,6-Dinitro-2-methylphenol	10.17	198	20445	29.21	ng		96
65) n-Nitrosodiphenylamine	10.22	169	189934	49.13	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	59133	49.99	ng	#	81
67) Hexachlorobenzene	10.64	284	55122	45.47	ng	#	70
68) Atrazine	10.74	200	53628	45.15	ng		97
69) Pentachlorophenol	10.83	266	39743	68.60	ng		99
70) Phenanthrene	11.04	178	284299	44.49	ng		100
71) Anthracene	11.10	178	300442	42.29	ng		99
72) Carbazole	11.26	167	249197	41.67	ng		100
73) Di-n-butylphthalate	11.60	149	363259	45.27	ng	#	98
74) Fluoranthene	12.22	202	261152	38.85	ng		98
76) Benzidine	12.35	184	83217	27.65	ng		98
77) Pyrene	12.44	202	246639	39.95	ng		99
79) Butylbenzylphthalate	13.07	149	118201	42.11	ng		89
80) Benzo(a)anthracene	13.62	228	200267	43.57	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	55644	33.64	ng		97
82) Chrysene	13.66	228	210676	43.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	167558	41.30	ng	#	95
84) Di-n-octyl phthalate	14.25	149	286110	45.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.15	276	232560	66.85	ng		99
87) Benzo(b)fluoranthene	14.62	252	201198m	37.00	ng		
88) Benzo(k)fluoranthene	14.64	252	227436m	45.49	ng		
89) Benzo(a)pyrene	14.91	252	211176	43.29	ng		99
90) Dibenzo(a,h)anthracene	16.16	278	196785	51.21	ng		95
91) Benzo(g,h,i)perylene	16.50	276	191873	50.80	ng		96

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

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