Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079538.D
Acq On : 28 May 2015 00:48
Operator : TP/IZ
Sample : G2386-18MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 28 02:11:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : TP-9-D10MSD

Manual Integrations APPROVED
apatel
5/28/2015 12:04:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	56522	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	240420	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	115142	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	221482	20.00	ng		0.00
75) Chrysene-d12	15.86	240	234635	20.00	ng		-0.08
86) Perylene-d12	17.57	264	258881	20.00	ng		-0.32
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	330762m	101.50	ng		0.00
7) Phenol-d6	6.59	99	548068	131.95	ng		0.00
23) Nitrobenzene-d5	7.70	82	321403	77.28	ng		0.00
41) 2,4,6-Tribromophenol	11.72	330	127435	100.76	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	560194	69.41	ng		0.00
78) Terphenyl-d14	14.58	244	766717	76.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	60982m	39.34	ng		
3) Pyridine	2.47	79	161539m	47.32	ng		
4) n-Nitrosodimethylamine	2.40	42	78874m	46.93	ng		
6) Aniline	6.59	93	152394m	25.85	ng		
8) 2-Chlorophenol	6.74	128	164988	43.49	ng		92
9) Benzaldehyde	6.44	77	20754m	6.71	ng		
10) Phenol	6.62	94	222515	45.50	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	166190	46.98	ng		92
12) 1,3-Dichlorobenzene	6.92	146	182778	43.49	ng	#	94
13) 1,4-Dichlorobenzene	7.03	146	183000	42.68	ng		96
14) 1,2-Dichlorobenzene	7.20	146	174879	43.92	ng		95
15) Benzyl Alcohol	7.20	79	139197	45.60	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.37	45	244332	47.19	ng		88
17) 2-Methylphenol	7.36	107	144264	48.40	ng		98
18) Hexachloroethane	7.62	117	57240	38.79	ng	#	83
19) n-Nitroso-di-n-propylamine	7.53	70	132604	45.37	ng	#	94
20) 3+4-Methylphenols	7.55	107	188175	45.95	ng		91
22) Acetophenone	7.52	105	255694	47.47	ng	#	94
24) Nitrobenzene	7.72	77	185477	45.25	ng	#	90
25) Isophorone	8.02	82	332088	43.81	ng	#	91
26) 2-Nitrophenol	8.12	139	64866	33.42	ng		96
27) 2,4-Dimethylphenol	8.20	122	157615	45.18	ng		96
28) bis(2-Chloroethoxy)methane	8.31	93	212102	45.14	ng	#	98
29) 2,4-Dichlorophenol	8.43	162	138558	43.36	ng		96
30) 1,2,4-Trichlorobenzene	8.51	180	149280	45.03	ng		96
31) Naphthalene	8.60	128	516392	44.76	ng		99
33) 4-Chloroaniline	8.70	127	138242	28.68	ng	#	93
34) Hexachlorobutadiene	8.76	225	81320	43.13	ng		97
35) Caprolactam	9.12	113	46658	46.30	ng		92
36) 4-Chloro-3-methylphenol	9.31	107	158675	47.87	ng		94
37) 2-Methylnaphthalene	9.46	142	354390	44.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	143673	44.61	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	11617	22.52	ng		97
42) 2,4,6-Trichlorophenol	9.83	196	65902	29.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.88	196	90693	40.52	ng		95
45) 1,1'-Biphenyl	10.04	154	418327	46.52	ng		97
46) 2-Chloronaphthalene	10.07	162	328325	46.23	ng		97
47) 2-Nitroaniline	10.20	65	102793	48.67	ng	#	76
48) Acenaphthylene	10.57	152	534037	45.30	ng		99
49) Dimethylphthalate	10.44	163	450901	53.15	ng		100
50) 2,6-Dinitrotoluene	10.51	165	75738	44.68	ng	#	56
51) Acenaphthene	10.79	154	312952	46.42	ng		99
52) 3-Nitroaniline	10.72	138	96514	43.78	ng		83
54) Dibenzofuran	11.00	168	476114	47.88	ng		95
55) 4-Nitrophenol	10.97	139	24089m	19.70	ng		
56) 2,4-Dinitrotoluene	11.02	165	103255	45.42	ng		91
57) Fluorene	11.43	166	377781	46.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	41283	25.34	ng	#	100
59) Diethylphthalate	11.31	149	380678	45.84	ng		95
60) 4-Chlorophenyl-phenylether	11.44	204	171109	48.32	ng		92
61) 4-Nitroaniline	11.47	138	104902	51.07	ng		88
62) Azobenzene	11.63	77	373488	46.24	ng		96
64) 4,6-Dinitro-2-methylphenol	11.53	198	500	7.38	ng	#	82
65) n-Nitrosodiphenylamine	11.59	169	324553	44.12	ng		100
66) 4-Bromophenyl-phenylether	12.04	248	106251	46.59	ng		93
67) Hexachlorobenzene	12.10	284	121115	46.58	ng		94
68) Atrazine	12.27	200	109784	55.24	ng		94
69) Pentachlorophenol	12.37	266	34429	34.56	ng		99
70) Phenanthrene	12.62	178	545241	44.87	ng		100
71) Anthracene	12.67	178	553630	44.88	ng		99
72) Carbazole	12.89	167	555395	46.76	ng		98
73) Di-n-butylphthalate	13.35	149	688768	52.19	ng		100
74) Fluoranthene	14.08	202	600071	46.05	ng		93
76) Benzidine	14.27	184	365894	72.81	ng		99
77) Pyrene	14.37	202	633964	43.61	ng		99
79) Butylbenzylphthalate	15.20	149	293148	44.84	ng		97
80) Benzo(a)anthracene	15.85	228	590543	43.75	ng		100
81) 3,3'-Dichlorobenzidine	15.84	252	196704	39.80	ng		99
82) Chrysene	15.90	228	556332	43.36	ng		99
83) Bis(2-ethylhexyl)phthalate	15.92	149	465175	49.67	ng		98
84) Di-n-octyl phthalate	16.70	149	803896	49.32	ng		100
85) Indeno(1,2,3-cd)pyrene	18.88	276	752079m	45.57	ng		
87) Benzo(b)fluoranthene	17.13	252	621657	42.10	ng		99
88) Benzo(k)fluoranthene	17.17	252	614637m	46.55	ng		
89) Benzo(a)pyrene	17.50	252	623370	48.29	ng	#	96
90) Dibenzo(a,h)anthracene	18.89	278	630553	46.60	ng	#	97
91) Benzo(g,h,i)perylene	19.26	276	615783	45.49	ng		99

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

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