Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082369.D
Acq On : 19 Oct 2015 21:45
Operator : UM/IZ
Sample : G3993-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILEMSD

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:50 PM

Quant Time: Oct 20 03:06:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	95298m	20.00	ng		0.01
21) Naphthalene-d8	8.09	136	373068	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	184633	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	354623	20.00	ng		-0.01
75) Chrysene-d12	14.06	240	306757	20.00	ng		-0.03
86) Perylene-d12	15.59	264	254300	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	599038	126.86	ng		0.03
7) Phenol-d6	6.48	99	753001	122.54	ng		0.03
23) Nitrobenzene-d5	7.38	82	531776	95.72	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	219516	126.78	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1095624	98.41	ng		0.00
78) Terphenyl-d14	12.94	244	938598	81.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	84179	35.48	ng	#	83
3) Pyridine	3.60	79	128745m	23.33	ng		
4) n-Nitrosodimethylamine	3.14	42	105806	45.21	ng	#	80
6) Aniline	6.55	93	291409	36.78	ng	#	55
8) 2-Chlorophenol	6.61	128	253972	44.06	ng		91
9) Benzaldehyde	6.37	77	116957	37.27	ng		96
10) Phenol	6.49	94	262668	37.08	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	291409	48.64	ng		93
12) 1,3-Dichlorobenzene	6.74	146	274724m	40.92	ng		
13) 1,4-Dichlorobenzene	6.82	146	277216m	39.54	ng		
14) 1,2-Dichlorobenzene	6.98	146	258727	38.87	ng	#	91
15) Benzyl Alcohol	6.98	79	374689	88.33	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	412835	49.48	ng		52
17) 2-Methylphenol	7.09	107	202775m	44.48	ng		
18) Hexachloroethane	7.31	117	98632	41.10	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	177148m	41.05	ng		
20) 3+4-Methylphenols	7.25	107	359706	66.22	ng	#	62
22) Acetophenone	7.23	105	361578	49.00	ng	#	89
24) Nitrobenzene	7.41	77	270558	44.99	ng	#	84
25) Isophorone	7.65	82	479897	42.80	ng		98
26) 2-Nitrophenol	7.71	139	143524	47.80	ng		90
27) 2,4-Dimethylphenol	7.76	122	234707	48.52	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	307707	47.17	ng		99
29) 2,4-Dichlorophenol	7.97	162	245557	50.78	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	243411	43.67	ng		98
31) Naphthalene	8.11	128	697754	43.15	ng		99
32) Benzoic acid	7.94	122	272785	84.02	ng		99
33) 4-Chloroaniline	8.19	127	20203	3.01	ng		95
34) Hexachlorobutadiene	8.23	225	143501	41.32	ng		98
35) Caprolactam	8.66	113	62294	44.39	ng	#	81
36) 4-Chloro-3-methylphenol	8.66	107	237218	50.16	ng		98
37) 2-Methylnaphthalene	8.81	142	547084	48.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	237506	43.25	ng		98
40) Hexachlorocyclopentadiene	8.96	237	171182	63.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	176861	48.49	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	191731	48.52	ng		95
45) 1,1'-Biphenyl	9.28	154	686862	48.79	ng		96
46) 2-Chloronaphthalene	9.30	162	548236	49.46	ng		96
47) 2-Nitroaniline	9.41	65	146998	48.31	ng		90
48) Acenaphthylene	9.71	152	772431	44.74	ng		99
49) Dimethylphthalate	9.59	163	722718	55.59	ng		100
50) 2,6-Dinitrotoluene	9.65	165	133527	48.67	ng	#	73
51) Acenaphthene	9.89	154	465444	44.91	ng		99
52) 3-Nitroaniline	9.82	138	34739	11.21	ng		84
53) 2,4-Dinitrophenol	9.93	184	156219	100.15	ng	#	91
54) Dibenzofuran	10.06	168	695756	48.89	ng		96
55) 4-Nitrophenol	10.00	139	155578	74.66	ng		84
56) 2,4-Dinitrotoluene	10.06	165	190940	55.69	ng		96
57) Fluorene	10.40	166	541550	46.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	153448	47.53	ng		97
59) Diethylphthalate	10.29	149	652121	53.81	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	284807	53.20	ng	#	85
61) 4-Nitroaniline	10.45	138	128590	42.78	ng		92
62) Azobenzene	10.56	77	617820	52.09	ng		88
64) 4,6-Dinitro-2-methylphenol	10.47	198	109479	55.01	ng		87
65) n-Nitrosodiphenylamine	10.53	169	529758	49.89	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	168800	47.56	ng	#	83
67) Hexachlorobenzene	10.95	284	175926	45.83	ng	#	75
68) Atrazine	11.05	200	157618	46.86	ng		98
69) Pentachlorophenol	11.15	266	200012	101.27	ng		100
70) Phenanthrene	11.37	178	909951	52.35	ng		99
71) Anthracene	11.42	178	870121	48.58	ng		99
72) Carbazole	11.58	167	743371	45.49	ng		100
73) Di-n-butylphthalate	11.91	149	1002052	49.71	ng		100
74) Fluoranthene	12.56	202	948751	50.82	ng		98
76) Benzidine	12.70	184	21561	2.43	ng		97
77) Pyrene	12.79	202	878156	48.24	ng		100
79) Butylbenzylphthalate	13.43	149	438507	52.78	ng		91
80) Benzo(a)anthracene	14.04	228	761832	47.73	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	121837	20.11	ng		98
82) Chrysene	14.08	228	735250	43.72	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	615248	51.91	ng		100
84) Di-n-octyl phthalate	14.72	149	1024514	50.33	ng		100
85) Indeno(1,2,3-cd)pyrene	17.03	276	638794	47.79	ng		99
87) Benzo(b)fluoranthene	15.18	252	697919	45.11	ng		98
88) Benzo(k)fluoranthene	15.21	252	662730m	50.96	ng		
89) Benzo(a)pyrene	15.53	252	629213	47.32	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	537336	49.31	ng		100
91) Benzo(g,h,i)perylene	17.45	276	533635	50.41	ng		98

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

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