Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076843.D
Acq On : 13 Jan 2015 14:34
Operator : IZ / TP
Sample : G1044-03MSD
Misc : W
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1AMSD

Manual Integrations APPROVED
tejaskumar
1/14/2015 5:22:01 PM

Quant Time: Jan 14 11:44:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36629	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	146060	20.00	ng		-0.03
38) Acenaphthene-d10	15.09	164	77423	20.00	ng		-0.05
63) Phenanthrene-d10	17.83	188	126528	20.00	ng		-0.02
75) Chrysene-d12	21.31	240	120680	20.00	ng		-0.05
86) Perylene-d12	22.99	264	108170	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	133568	60.85	ng		-0.03
7) Phenol-d6	7.48	99	108638	39.31	ng		-0.02
23) Nitrobenzene-d5	9.36	82	250240	95.21	ng		-0.02
41) 2,4,6-Tribromophenol	16.75	330	93234	144.28	ng		-0.03
44) 2-Fluorobiphenyl	13.61	172	488472	92.86	ng		-0.03
78) Terphenyl-d14	20.04	244	424139	77.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.34	88	24212	25.87	ng		95
3) Pyridine	1.86	79	36305	14.57	ng		94
4) n-Nitrosodimethylamine	1.81	42	34952	27.91	ng	#	88
6) Aniline	7.35	93	132208	34.65	ng		98
8) 2-Chlorophenol	7.60	128	107796	41.53	ng		96
9) Benzaldehyde	7.06	77	52127	31.78	ng		97
10) Phenol	7.51	94	84097	27.93	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	125530	52.03	ng		94
12) 1,3-Dichlorobenzene	7.91	146	117474	40.76	ng		98
13) 1,4-Dichlorobenzene	8.10	146	152852	50.57	ng		99
14) 1,2-Dichlorobenzene	8.41	146	149238	52.99	ng		97
15) Benzyl Alcohol	8.50	79	61432	26.72	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.84	45	132661	40.92	ng		71
17) 2-Methylphenol	8.86	107	74591	35.89	ng		91
18) Hexachloroethane	9.17	117	44055	40.32	ng		96
19) n-Nitroso-di-n-propylamine	9.12	70	82907	42.23	ng		96
20) 3+4-Methylphenols	9.22	107	148642	54.15	ng		98
22) Acetophenone	9.04	105	180659	50.33	ng		97
24) Nitrobenzene	9.40	77	131725	49.61	ng		98
25) Isophorone	10.00	82	212253	44.40	ng		98
26) 2-Nitrophenol	10.14	139	56196	44.25	ng		98
27) 2,4-Dimethylphenol	10.42	122	108455	52.58	ng		97
28) bis(2-Chloroethoxy)methane	10.62	93	145218	51.73	ng		97
29) 2,4-Dichlorophenol	10.76	162	84173	42.90	ng		91
30) 1,2,4-Trichlorobenzene	10.87	180	92096	41.60	ng		95
31) Naphthalene	11.02	128	662466	88.41	ng		99
33) 4-Chloroaniline	11.26	127	27466	9.36	ng	#	87
34) Hexachlorobutadiene	11.37	225	53210	42.02	ng		99
35) Caprolactam	12.23	113	7337m	12.59	ng		
36) 4-Chloro-3-methylphenol	12.57	107	217883	100.07	ng	#	29
37) 2-Methylnaphthalene	12.67	142	265660	50.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	87251	45.36	ng		99
40) Hexachlorocyclopentadiene	13.05	237	71702	64.97	ng		99
42) 2,4,6-Trichlorophenol	13.41	196	62072	44.43	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.50	196	61919	42.16	ng	#	90
45) 1,1'-Biphenyl	13.81	154	265279	44.57	ng		98
46) 2-Chloronaphthalene	13.80	162	211348	44.18	ng		97
47) 2-Nitroaniline	14.13	65	75560	53.00	ng		84
48) Acenaphthylene	14.75	152	335455	41.38	ng		97
49) Dimethylphthalate	14.68	163	268117	47.65	ng		99
50) 2,6-Dinitrotoluene	14.78	165	50988	42.74	ng		99
51) Acenaphthene	15.17	154	205230	44.82	ng		98
52) 3-Nitroaniline	15.12	138	14198	10.41	ng	#	86
53) 2,4-Dinitrophenol	15.40	184	48799	95.89	ng	#	79
54) Dibenzofuran	15.59	168	297250	44.36	ng		96
55) 4-Nitrophenol	15.74	139	28700	32.69	ng		88
56) 2,4-Dinitrotoluene	15.69	165	71555	46.97	ng		93
57) Fluorene	16.29	166	244374	43.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	48015	45.19	ng		96
59) Diethylphthalate	16.28	149	274011	47.27	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	103011	42.89	ng	#	86
61) 4-Nitroaniline	16.43	138	44565	35.33	ng		90
62) Azobenzene	16.65	77	266098	44.77	ng		98
64) 4,6-Dinitro-2-methylphenol	16.49	198	34743	48.40	ng		92
65) n-Nitrosodiphenylamine	16.61	169	267435	58.19	ng		97
66) 4-Bromophenyl-phenylether	17.20	248	58717	44.73	ng		95
67) Hexachlorobenzene	17.23	284	62537	45.52	ng	#	91
68) Atrazine	17.58	200	68122	48.94	ng		95
69) Pentachlorophenol	17.59	266	59459	99.61	ng		93
70) Phenanthrene	17.87	178	350983	44.51	ng		99
71) Anthracene	17.93	178	334728	43.71	ng		99
72) Carbazole	18.22	167	324047	43.16	ng		98
73) Di-n-butylphthalate	18.80	149	416124	46.64	ng		99
74) Fluoranthene	19.50	202	358215	44.36	ng		99
77) Pyrene	19.77	202	364963	42.03	ng		99
79) Butylbenzylphthalate	20.70	149	180756	44.85	ng		98
80) Benzo(a)anthracene	21.29	228	335779	43.68	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	14182	5.78	ng	#	89
82) Chrysene	21.34	228	306358	44.04	ng		97
83) Bis(2-ethylhexyl)phthalate	21.43	149	248883	44.57	ng	#	99
84) Di-n-octyl phthalate	22.21	149	435604	46.23	ng	#	98
85) Indeno(1,2,3-cd)pyrene	24.15	276	314167m	45.64	ng		
87) Benzo(b)fluoranthene	22.56	252	356033	47.52	ng		98
88) Benzo(k)fluoranthene	22.60	252	239700m	36.60	ng		
89) Benzo(a)pyrene	22.93	252	292124	45.37	ng		99
90) Dibenzo(a,h)anthracene	24.17	278	262467	44.74	ng		97
91) Benzo(g,h,i)perylene	24.45	276	258709	43.21	ng		98

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

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