Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082370.D
Acq On : 19 Oct 2015 22:14
Operator : UM/IZ
Sample : G3975-10MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PX3MS

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:51 PM

Quant Time: Oct 20 03:08:28 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	6.80	152	100439	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	377455	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	192771	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	348309	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	305257	20.00	ng		-0.06
86) Perylene-d12	15.54	264	245664	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	383115	76.98	ng		0.01
7) Phenol-d6	6.45	99	313097	48.35	ng		0.00
23) Nitrobenzene-d5	7.38	82	660766	117.56	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	222846	123.27	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1215940	104.60	ng		0.00
78) Terphenyl-d14	12.94	244	1184047	102.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	42305	16.92	ng		97
3) Pyridine	3.12	79	79484	13.67	ng		96
4) n-Nitrosodimethylamine	3.06	42	44974	18.23	ng	#	93
6) Aniline	6.47	93	177755	21.29	ng		95
8) 2-Chlorophenol	6.59	128	212307	34.95	ng		97
9) Benzaldehyde	6.34	77	127385	38.52	ng		90
10) Phenol	6.46	94	112743	15.10	ng	#	68
11) bis(2-Chloroethyl)ether	6.54	93	249353	39.49	ng		90
12) 1,3-Dichlorobenzene	6.74	146	292432m	41.33	ng		
13) 1,4-Dichlorobenzene	6.82	146	302473	40.94	ng		97
14) 1,2-Dichlorobenzene	6.97	146	280449	39.97	ng		97
15) Benzyl Alcohol	6.95	79	138364	30.95	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	359340	40.87	ng		82
17) 2-Methylphenol	7.07	107	150333	31.29	ng	#	93
18) Hexachloroethane	7.31	117	109699	43.37	ng	#	87
19) n-Nitroso-di-n-propylamine	7.22	70	182132	40.05	ng	#	85
20) 3+4-Methylphenols	7.23	107	163164	28.50	ng	#	63
22) Acetophenone	7.22	105	385757	51.66	ng	#	88
24) Nitrobenzene	7.39	77	255647	42.02	ng		99
25) Isophorone	7.63	82	510867	45.03	ng		99
26) 2-Nitrophenol	7.71	139	152056	50.05	ng		99
27) 2,4-Dimethylphenol	7.76	122	230179	47.03	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	332591	50.39	ng		99
29) 2,4-Dichlorophenol	7.97	162	219548	44.87	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	252325	44.74	ng		99
31) Naphthalene	8.11	128	743256	45.43	ng		99
32) Benzoic acid	7.86	122	46840	14.26	ng		89
33) 4-Chloroaniline	8.17	127	147695	21.74	ng		99
34) Hexachlorobutadiene	8.23	225	149078	42.42	ng		99
35) Caprolactam	8.55	113	11261	7.93	ng	#	74
36) 4-Chloro-3-methylphenol	8.66	107	213195	44.56	ng		94
37) 2-Methylnaphthalene	8.81	142	568343	50.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245688	42.85	ng		98
40) Hexachlorocyclopentadiene	8.96	237	186086	65.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	169930	44.62	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	176101	42.69	ng		98
45) 1,1'-Biphenyl	9.28	154	679596	46.23	ng		96
46) 2-Chloronaphthalene	9.30	162	535783	46.30	ng		97
47) 2-Nitroaniline	9.41	65	146393	46.08	ng	#	87
48) Acenaphthylene	9.71	152	769295	42.68	ng		100
49) Dimethylphthalate	9.59	163	642255	47.31	ng		98
50) 2,6-Dinitrotoluene	9.65	165	126033	44.00	ng	#	70
51) Acenaphthene	9.89	154	452298	41.79	ng		98
52) 3-Nitroaniline	9.82	138	74048	22.89	ng		87
53) 2,4-Dinitrophenol	9.93	184	135717	84.41	ng		99
54) Dibenzofuran	10.06	168	675648	45.47	ng		95
55) 4-Nitrophenol	10.00	139	47658	28.35	ng	#	70
56) 2,4-Dinitrotoluene	10.06	165	186085	51.98	ng		93
57) Fluorene	10.40	166	544911	44.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	144703	42.93	ng	#	95
59) Diethylphthalate	10.29	149	609400	48.16	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	278645	49.85	ng	#	84
61) 4-Nitroaniline	10.43	138	131032	41.75	ng		94
62) Azobenzene	10.56	77	609844	49.24	ng		88
64) 4,6-Dinitro-2-methylphenol	10.47	198	92096	47.12	ng		90
65) n-Nitrosodiphenylamine	10.53	169	517609	49.63	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	164416	47.17	ng	#	84
67) Hexachlorobenzene	10.95	284	167369	44.40	ng	#	74
68) Atrazine	11.05	200	162113	49.07	ng		98
69) Pentachlorophenol	11.15	266	173356	89.36	ng		98
70) Phenanthrene	11.37	178	894402	52.39	ng		99
71) Anthracene	11.42	178	824183	46.85	ng		99
72) Carbazole	11.58	167	718660	44.78	ng		99
73) Di-n-butylphthalate	11.91	149	971921	49.09	ng		100
74) Fluoranthene	12.56	202	931677	50.81	ng		99
76) Benzidine	12.69	184	105673	11.95	ng		97
77) Pyrene	12.79	202	906106	50.02	ng		99
79) Butylbenzylphthalate	13.42	149	404487	48.93	ng		96
80) Benzo(a)anthracene	14.02	228	746237	46.98	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	179090	29.71	ng		99
82) Chrysene	14.06	228	737844	44.09	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	583837	49.50	ng	#	98
84) Di-n-octyl phthalate	14.69	149	1020782	50.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	617265	46.41	ng		98
87) Benzo(b)fluoranthene	15.13	252	657708	44.01	ng		99
88) Benzo(k)fluoranthene	15.17	252	642776m	51.17	ng		
89) Benzo(a)pyrene	15.49	252	587007	45.70	ng		100
90) Dibenzo(a,h)anthracene	17.00	278	518954	49.30	ng		96
91) Benzo(g,h,i)perylene	17.41	276	505799	49.46	ng		99

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

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