Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082320.D
Acq On : 16 Oct 2015 11:49
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/19/2015 5:32:02 PM

Quant Time: Oct 17 01:10:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93275	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	382664	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	207326	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	418554	20.00	ng		0.00
75) Chrysene-d12	14.07	240	410674	20.00	ng		0.00
86) Perylene-d12	15.59	264	337700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	375373	81.22	ng		0.00
7) Phenol-d6	6.48	99	505508	84.05	ng		0.00
23) Nitrobenzene-d5	7.42	82	487127	85.49	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	152012	78.18	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1024101	81.92	ng		0.00
78) Terphenyl-d14	12.96	244	1097332	70.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	86882	37.42	ng		96
3) Pyridine	3.10	79	241160	44.65	ng		96
4) n-Nitrosodimethylamine	3.05	42	98633	43.06	ng	#	99
6) Aniline	6.50	93	317276	40.92	ng	#	67
8) 2-Chlorophenol	6.63	128	228524	40.50	ng		98
9) Benzaldehyde	6.39	77	150145	48.89	ng		97
10) Phenol	6.50	94	265671	38.31	ng	#	60
11) bis(2-Chloroethyl)ether	6.58	93	224211	38.24	ng		98
12) 1,3-Dichlorobenzene	6.78	146	269530	41.02	ng		99
13) 1,4-Dichlorobenzene	6.86	146	280377	40.86	ng		98
14) 1,2-Dichlorobenzene	7.01	146	240545	36.92	ng		98
15) Benzyl Alcohol	6.99	79	188581	45.42	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	301613	36.94	ng		94
17) 2-Methylphenol	7.11	107	189299	42.43	ng		98
18) Hexachloroethane	7.35	117	91912	39.13	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	159615	37.79	ng	#	86
20) 3+4-Methylphenols	7.27	107	235348	44.27	ng	#	63
22) Acetophenone	7.26	105	311511	41.15	ng		94
24) Nitrobenzene	7.43	77	232578	37.71	ng		98
25) Isophorone	7.67	82	455671	39.62	ng		100
26) 2-Nitrophenol	7.75	139	135389	43.96	ng		97
27) 2,4-Dimethylphenol	7.79	122	224254	45.20	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	280297	41.89	ng		100
29) 2,4-Dichlorophenol	8.00	162	201645	40.65	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	224539	39.27	ng		98
31) Naphthalene	8.15	128	631386	38.06	ng		100
32) Benzoic acid	7.93	122	120658	36.23	ng		92
33) 4-Chloroaniline	8.21	127	263964	38.32	ng		97
34) Hexachlorobutadiene	8.26	225	139145	39.06	ng		98
35) Caprolactam	8.59	113	67657	47.00	ng	#	79
36) 4-Chloro-3-methylphenol	8.70	107	225615	46.51	ng		92
37) 2-Methylnaphthalene	8.85	142	487357	42.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	214268	34.75	ng		99
40) Hexachlorocyclopentadiene	8.99	237	75279	29.92	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	157793	38.53	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	170412	38.41	ng	#	87
45) 1,1'-Biphenyl	9.31	154	583907	36.93	ng		94
46) 2-Chloronaphthalene	9.34	162	477549	38.37	ng		98
47) 2-Nitroaniline	9.44	65	152907	44.75	ng	#	72
48) Acenaphthylene	9.75	152	751293	38.75	ng		99
49) Dimethylphthalate	9.61	163	525523	36.00	ng		100
50) 2,6-Dinitrotoluene	9.68	165	131307	42.63	ng		93
51) Acenaphthene	9.92	154	464743	39.93	ng		98
52) 3-Nitroaniline	9.85	138	140735	40.45	ng		90
53) 2,4-Dinitrophenol	9.95	184	64234	40.73	ng	#	77
54) Dibenzofuran	10.09	168	609657	38.15	ng		98
55) 4-Nitrophenol	10.02	139	89212	44.90	ng		98
56) 2,4-Dinitrotoluene	10.08	165	152906	39.71	ng		91
57) Fluorene	10.43	166	505971	38.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	149905	41.35	ng		93
59) Diethylphthalate	10.31	149	504476	37.07	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	227881	37.90	ng		98
61) 4-Nitroaniline	10.47	138	148939	44.13	ng		95
62) Azobenzene	10.58	77	491556	36.91	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	92709	39.47	ng	#	65
65) n-Nitrosodiphenylamine	10.55	169	447586	35.72	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	149319	35.65	ng		93
67) Hexachlorobenzene	10.98	284	170720	37.68	ng	#	86
68) Atrazine	11.09	200	155954	39.28	ng		94
69) Pentachlorophenol	11.18	266	95672	41.04	ng		97
70) Phenanthrene	11.39	178	755248	36.81	ng		100
71) Anthracene	11.45	178	857051	40.54	ng		99
72) Carbazole	11.61	167	767121	39.78	ng		98
73) Di-n-butylphthalate	11.93	149	850880	35.76	ng		100
74) Fluoranthene	12.60	202	891140	40.44	ng		96
76) Benzidine	12.72	184	272405	22.89	ng		98
77) Pyrene	12.82	202	941311	38.62	ng		99
79) Butylbenzylphthalate	13.45	149	391443	35.19	ng		99
80) Benzo(a)anthracene	14.06	228	803676	37.61	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	303929	37.47	ng	#	96
82) Chrysene	14.09	228	773238	34.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	529819	33.39	ng	#	97
84) Di-n-octyl phthalate	14.72	149	892368	32.75	ng		100
85) Indeno(1,2,3-cd)pyrene	17.03	276	703269	39.30	ng		100
87) Benzo(b)fluoranthene	15.17	252	700059	34.07	ng		98
88) Benzo(k)fluoranthene	15.20	252	741373m	42.93	ng		
89) Benzo(a)pyrene	15.53	252	674115	38.18	ng	#	96
90) Dibenzo(a,h)anthracene	17.05	278	579525	40.05	ng		97
91) Benzo(g,h,i)perylene	17.46	276	571517	40.66	ng		99

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

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