Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082217.D
Acq On : 12 Oct 2015 12:13
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:27:31 PM

Quant Time: Oct 13 02:05:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86933	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	341953	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	170234	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	334912	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	320881	20.00	ng		0.00
86) Perylene-d12	15.44	264	262568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	330086	76.63	ng		-0.01
7) Phenol-d6	6.47	99	422536	75.38	ng		-0.01
23) Nitrobenzene-d5	7.41	82	393037	77.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	135829	85.08	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	778173	75.81	ng		-0.01
78) Terphenyl-d14	12.95	244	814942	67.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	76981	35.57	ng		96
3) Pyridine	3.10	79	184946	36.74	ng		99
4) n-Nitrosodimethylamine	3.05	42	84156	39.42	ng		98
6) Aniline	6.49	93	284780	39.41	ng	#	85
8) 2-Chlorophenol	6.62	128	202961	38.60	ng		92
9) Benzaldehyde	6.38	77	117460	41.03	ng		95
10) Phenol	6.48	94	230131	35.61	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	195716	35.81	ng		93
12) 1,3-Dichlorobenzene	6.77	146	220908m	36.07	ng		
13) 1,4-Dichlorobenzene	6.85	146	224498	35.10	ng		94
14) 1,2-Dichlorobenzene	7.01	146	229153m	37.74	ng		
15) Benzyl Alcohol	6.98	79	166204	42.95	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	289617	38.05	ng		99
17) 2-Methylphenol	7.10	107	163810	39.39	ng		97
18) Hexachloroethane	7.35	117	77728	35.51	ng	#	77
19) n-Nitroso-di-n-propylamine	7.26	70	154452	39.24	ng		94
20) 3+4-Methylphenols	7.25	107	195188	39.39	ng		89
22) Acetophenone	7.25	105	265772	39.29	ng		98
24) Nitrobenzene	7.43	77	214396	38.90	ng	#	84
25) Isophorone	7.67	82	398677	38.79	ng		94
26) 2-Nitrophenol	7.74	139	108535	39.44	ng	#	85
27) 2,4-Dimethylphenol	7.78	122	190211	42.90	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	229279	38.34	ng		99
29) 2,4-Dichlorophenol	7.99	162	171076	38.60	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	192282	37.64	ng		97
31) Naphthalene	8.15	128	581542	39.23	ng		99
32) Benzoic acid	7.90	122	86524	29.08	ng		98
33) 4-Chloroaniline	8.19	127	239889	38.97	ng		95
34) Hexachlorobutadiene	8.26	225	115574	36.30	ng		97
35) Caprolactam	8.58	113	53292	41.43	ng		90
36) 4-Chloro-3-methylphenol	8.69	107	189952	43.82	ng		88
37) 2-Methylnaphthalene	8.83	142	393953	38.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	202000	39.89	ng		96
40) Hexachlorocyclopentadiene	8.98	237	69877	32.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	136306	40.53	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	141270	38.78	ng	#	88
45) 1,1'-Biphenyl	9.30	154	521501	40.17	ng		97
46) 2-Chloronaphthalene	9.33	162	391506	38.31	ng		95
47) 2-Nitroaniline	9.43	65	122806	43.77	ng		88
48) Acenaphthylene	9.74	152	607035	38.13	ng		99
49) Dimethylphthalate	9.61	163	482323	40.24	ng		98
50) 2,6-Dinitrotoluene	9.67	165	98813	39.07	ng	#	75
51) Acenaphthene	9.91	154	350470	36.67	ng		99
52) 3-Nitroaniline	9.84	138	114717	40.15	ng	#	80
53) 2,4-Dinitrophenol	9.95	184	37767	30.98	ng		92
54) Dibenzofuran	10.08	168	504874	38.48	ng		96
55) 4-Nitrophenol	10.01	139	70514	43.56	ng		92
56) 2,4-Dinitrotoluene	10.08	165	134739	42.62	ng		90
57) Fluorene	10.42	166	420062	38.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	122878	41.28	ng		96
59) Diethylphthalate	10.31	149	466939	41.79	ng		95
60) 4-Chlorophenyl-phenylether	10.42	204	211785	42.90	ng	#	86
61) 4-Nitroaniline	10.46	138	116573	42.06	ng		95
62) Azobenzene	10.58	77	447756	40.94	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	64210	34.16	ng	#	55
65) n-Nitrosodiphenylamine	10.54	169	384107	38.31	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	131842	39.34	ng	#	85
67) Hexachlorobenzene	10.97	284	132837	36.65	ng	#	72
68) Atrazine	11.07	200	141181	44.44	ng		99
69) Pentachlorophenol	11.17	266	71114	38.12	ng		98
70) Phenanthrene	11.39	178	674157	41.07	ng		99
71) Anthracene	11.44	178	651344	38.50	ng		99
72) Carbazole	11.60	167	613565	39.76	ng		99
73) Di-n-butylphthalate	11.93	149	762667	40.06	ng	#	98
74) Fluoranthene	12.58	202	713751	40.48	ng		97
76) Benzidine	12.71	184	306876	33.00	ng		99
77) Pyrene	12.81	202	737077	38.71	ng		98
79) Butylbenzylphthalate	13.43	149	333396	38.36	ng		91
80) Benzo(a)anthracene	14.00	228	643553	38.55	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	253702	40.03	ng	#	99
82) Chrysene	14.04	228	645178	36.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	425273	34.30	ng	#	95
84) Di-n-octyl phthalate	14.60	149	709975	33.34	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	524322	37.50	ng		99
87) Benzo(b)fluoranthene	15.03	252	559537	35.03	ng		98
88) Benzo(k)fluoranthene	15.06	252	594278m	44.26	ng		
89) Benzo(a)pyrene	15.38	252	522497	38.06	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	435079	38.67	ng		97
91) Benzo(g,h,i)perylene	17.28	276	421639	38.58	ng		98

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

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