Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079013.D
Acq On : 7 May 2015 23:26
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/8/2015 3:51:36 PM

Quant Time: May 08 02:13:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 00:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	51793	20.00	ng		0.01
21) Naphthalene-d8	8.92	136	221991	20.00	ng		0.01
38) Acenaphthene-d10	11.10	164	109931	20.00	ng		0.00
63) Phenanthrene-d10	12.95	188	217545	20.00	ng		0.01
75) Chrysene-d12	16.24	240	246647	20.00	ng		-0.03
86) Perylene-d12	17.97	264	258498	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	254458	84.57	ng		0.01
7) Phenol-d6	6.90	99	349364	87.84	ng		0.01
23) Nitrobenzene-d5	8.03	82	323235	83.68	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	102865	86.50	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	607171	76.95	ng		0.00
78) Terphenyl-d14	14.95	244	811054	78.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	54882	41.95	ng	#	22
3) Pyridine	3.06	79	169835	44.36	ng		97
4) n-Nitrosodimethylamine	2.97	42	60954	37.16	ng		88
6) Aniline	6.92	93	241213	42.97	ng	#	82
8) 2-Chlorophenol	7.07	128	147161	43.12	ng		97
9) Benzaldehyde	6.79	77	108576	40.52	ng		87
10) Phenol	6.91	94	195228	42.31	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	140254	41.47	ng		97
12) 1,3-Dichlorobenzene	7.27	146	161495	42.10	ng	#	94
13) 1,4-Dichlorobenzene	7.36	146	158950	40.27	ng		94
14) 1,2-Dichlorobenzene	7.55	146	151978	41.36	ng		96
15) Benzyl Alcohol	7.52	79	122972	41.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.70	45	208314	40.26	ng		98
17) 2-Methylphenol	7.67	107	120651	43.93	ng		98
18) Hexachloroethane	7.96	117	45057	33.14	ng	#	88
19) n-Nitroso-di-n-propylamine	7.85	70	107433	39.99	ng		94
20) 3+4-Methylphenols	7.86	107	165337	45.18	ng	#	48
22) Acetophenone	7.85	105	208788	41.63	ng	#	97
24) Nitrobenzene	8.06	77	162443	42.43	ng		96
25) Isophorone	8.35	82	289349	40.41	ng		99
26) 2-Nitrophenol	8.44	139	46554	29.38	ng	#	71
27) 2,4-Dimethylphenol	8.51	122	136323	42.99	ng		96
28) bis(2-Chloroethoxy)methane	8.63	93	167136	37.86	ng		97
29) 2,4-Dichlorophenol	8.75	162	121378	43.05	ng		93
30) 1,2,4-Trichlorobenzene	8.86	180	126281	40.77	ng		98
31) Naphthalene	8.95	128	444589	42.03	ng		99
32) Benzoic acid	8.60	122	75700	39.41	ng		96
33) 4-Chloroaniline	9.02	127	186513	41.67	ng		98
34) Hexachlorobutadiene	9.10	225	69125	38.75	ng		96
35) Caprolactam	9.45	113	41065	45.04	ng	#	80
36) 4-Chloro-3-methylphenol	9.62	107	132977	44.90	ng		95
37) 2-Methylnaphthalene	9.80	142	305001	41.61	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	123627	39.93	ng	#	100
40) Hexachlorocyclopentadiene	10.00	237	7028	4.51	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	91385	42.93	ng		94
43) 2,4,5-Trichlorophenol	10.20	196	93284	43.35	ng	#	87
45) 1,1'-Biphenyl	10.39	154	352990	40.39	ng		98
46) 2-Chloronaphthalene	10.41	162	278721	40.89	ng		96
47) 2-Nitroaniline	10.54	65	91911	46.53	ng		96
48) Acenaphthylene	10.92	152	474457	42.39	ng		98
49) Dimethylphthalate	10.78	163	313509	38.86	ng		99
50) 2,6-Dinitrotoluene	10.84	165	57253	35.96	ng		92
51) Acenaphthene	11.14	154	263162	39.43	ng		99
52) 3-Nitroaniline	11.05	138	100389	50.47	ng	#	96
54) Dibenzofuran	11.36	168	389176	40.37	ng		94
55) 4-Nitrophenol	11.26	139	62339	39.60	ng	#	77
56) 2,4-Dinitrotoluene	11.35	165	74784	35.53	ng	#	77
57) Fluorene	11.78	166	329812	41.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.51	232	74067	42.12	ng	#	100
59) Diethylphthalate	11.66	149	308824	38.64	ng		97
60) 4-Chlorophenyl-phenylether	11.78	204	135371	38.56	ng	#	86
61) 4-Nitroaniline	11.81	138	102869	51.70	ng		95
62) Azobenzene	11.98	77	308877	39.22	ng		92
64) 4,6-Dinitro-2-methylphenol	11.85	198	2185	4.39	ng		89
65) n-Nitrosodiphenylamine	11.93	169	283169	39.09	ng		98
66) 4-Bromophenyl-phenylether	12.40	248	86170	38.00	ng	#	87
67) Hexachlorobenzene	12.46	284	101020	38.98	ng		94
68) Atrazine	12.61	200	82256	39.04	ng		99
69) Pentachlorophenol	12.71	266	50207	37.12	ng		98
70) Phenanthrene	12.97	178	486134	39.94	ng		99
71) Anthracene	13.04	178	497213	41.64	ng		99
72) Carbazole	13.25	167	495484	43.54	ng		98
73) Di-n-butylphthalate	13.69	149	553054	40.52	ng	#	97
74) Fluoranthene	14.46	202	550363	43.40	ng		96
76) Benzidine	14.63	184	360714	54.26	ng		99
77) Pyrene	14.74	202	582032	40.95	ng		99
79) Butylbenzylphthalate	15.55	149	258201	41.56	ng		96
80) Benzo(a)anthracene	16.23	228	552034	40.87	ng		99
81) 3,3'-Dichlorobenzidine	16.21	252	222935	46.34	ng		98
82) Chrysene	16.27	228	518615	39.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.27	149	366366	38.93	ng	#	98
84) Di-n-octyl phthalate	17.06	149	685766m	41.38	ng		
85) Indeno(1,2,3-cd)pyrene	19.47	276	655187	39.58	ng	#	100
87) Benzo(b)fluoranthene	17.52	252	673177	47.58	ng		100
88) Benzo(k)fluoranthene	17.55	252	460155m	33.59	ng		
89) Benzo(a)pyrene	17.91	252	543665	41.73	ng		99
90) Dibenzo(a,h)anthracene	19.50	278	530733	38.33	ng		98
91) Benzo(g,h,i)perylene	19.92	276	525110	37.84	ng		98

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

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