Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079623.D
Acq On : 31 May 2015 2:26
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
6/1/2015 8:47:43 PM

Quant Time: Jun 01 03:33:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 03:28:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68836	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	286372	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	136058	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	254193	20.00	ng		0.00
75) Chrysene-d12	15.79	240	265590	20.00	ng		0.00
86) Perylene-d12	17.52	264	262162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	339477	85.54	ng		0.00
7) Phenol-d6	6.54	99	423804	83.78	ng		0.00
23) Nitrobenzene-d5	7.63	82	391515	79.03	ng		0.00
41) 2,4,6-Tribromophenol	11.66	330	127176	85.10	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	794374	83.30	ng		0.00
78) Terphenyl-d14	14.50	244	913144	80.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	88326	46.78	ng	#	100
3) Pyridine	2.35	79	205256	49.37	ng		98
4) n-Nitrosodimethylamine	2.30	42	90033	43.98	ng		86
6) Aniline	6.52	93	299411	41.70	ng		96
8) 2-Chlorophenol	6.67	128	190066	41.14	ng		94
9) Benzaldehyde	6.38	77	120353	43.41	ng		95
10) Phenol	6.55	94	255471	42.89	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	185927	43.16	ng		98
12) 1,3-Dichlorobenzene	6.86	146	217735	42.54	ng		95
13) 1,4-Dichlorobenzene	6.96	146	216583	41.48	ng		98
14) 1,2-Dichlorobenzene	7.14	146	199080	41.05	ng		96
15) Benzyl Alcohol	7.14	79	152283	40.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.31	45	255874	40.58	ng		97
17) 2-Methylphenol	7.29	107	152363	41.98	ng		98
18) Hexachloroethane	7.55	117	60500	33.67	ng	#	86
19) n-Nitroso-di-n-propylamine	7.47	70	141790	39.84	ng	#	86
20) 3+4-Methylphenols	7.50	107	200584	40.21	ng		99
22) Acetophenone	7.45	105	263776	41.11	ng	#	100
24) Nitrobenzene	7.66	77	195466	40.03	ng		99
25) Isophorone	7.96	82	363917	40.30	ng		99
26) 2-Nitrophenol	8.06	139	86504	37.42	ng		99
27) 2,4-Dimethylphenol	8.14	122	170010	40.91	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	229900	41.08	ng		99
29) 2,4-Dichlorophenol	8.36	162	152001	39.93	ng		99
30) 1,2,4-Trichlorobenzene	8.44	180	160561	40.66	ng		97
31) Naphthalene	8.54	128	550649	40.07	ng		99
32) Benzoic acid	8.28	122	94824	36.77	ng		95
33) 4-Chloroaniline	8.63	127	239446	41.70	ng		99
34) Hexachlorobutadiene	8.70	225	93473	41.62	ng		97
35) Caprolactam	9.06	113	47664	39.71	ng	#	87
36) 4-Chloro-3-methylphenol	9.26	107	154938	39.24	ng	#	75
37) 2-Methylnaphthalene	9.39	142	375919	39.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	155648	40.90	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	1987	7.81	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	111317	41.89	ng		100
43) 2,4,5-Trichlorophenol	9.82	196	110378	41.73	ng		98
45) 1,1'-Biphenyl	9.98	154	433760	40.82	ng		98
46) 2-Chloronaphthalene	10.00	162	350695	41.79	ng		95
47) 2-Nitroaniline	10.14	65	103207	41.36	ng	#	80
48) Acenaphthylene	10.50	152	572537	41.10	ng		99
49) Dimethylphthalate	10.38	163	392726	39.17	ng		100
50) 2,6-Dinitrotoluene	10.46	165	76833	38.36	ng		99
51) Acenaphthene	10.72	154	320846	40.27	ng		99
52) 3-Nitroaniline	10.65	138	110721	42.50	ng		91
53) 2,4-Dinitrophenol	10.82	184	1020	7.35	ng	#	82
54) Dibenzofuran	10.94	168	478419	40.72	ng		93
55) 4-Nitrophenol	10.90	139	45843m	31.73	ng		
56) 2,4-Dinitrotoluene	10.95	165	103354	38.48	ng		97
57) Fluorene	11.36	166	401541	41.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.10	232	87120	45.26	ng	#	100
59) Diethylphthalate	11.24	149	391940	39.94	ng		94
60) 4-Chlorophenyl-phenylether	11.37	204	173982	41.58	ng		89
61) 4-Nitroaniline	11.40	138	105073	43.29	ng		91
62) Azobenzene	11.56	77	404709	42.40	ng		93
64) 4,6-Dinitro-2-methylphenol	11.46	198	5779	10.84	ng		90
65) n-Nitrosodiphenylamine	11.52	169	352126	41.71	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	110582	42.25	ng	#	89
67) Hexachlorobenzene	12.03	284	125765	42.14	ng	#	85
68) Atrazine	12.20	200	90386	39.63	ng		97
69) Pentachlorophenol	12.28	266	45270	39.60	ng		96
70) Phenanthrene	12.54	178	562939	40.37	ng		99
71) Anthracene	12.61	178	593605	41.93	ng		99
72) Carbazole	12.82	167	564440	41.41	ng		98
73) Di-n-butylphthalate	13.28	149	696679	45.75	ng		99
74) Fluoranthene	14.01	202	635779	42.51	ng		97
76) Benzidine	14.21	184	381282	67.03	ng		100
77) Pyrene	14.29	202	651763	39.61	ng		100
79) Butylbenzylphthalate	15.13	149	314350	42.48	ng	#	91
80) Benzo(a)anthracene	15.77	228	622328	40.73	ng		99
81) 3,3'-Dichlorobenzidine	15.76	252	242941	43.42	ng	#	96
82) Chrysene	15.82	228	595086	40.98	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	476703	44.97	ng		99
84) Di-n-octyl phthalate	16.64	149	844630	45.78	ng		100
85) Indeno(1,2,3-cd)pyrene	18.81	276	716389	38.35	ng		98
87) Benzo(b)fluoranthene	17.07	252	588065	39.33	ng		99
88) Benzo(k)fluoranthene	17.11	252	620530m	46.41	ng		
89) Benzo(a)pyrene	17.45	252	566881	43.16	ng	#	98
90) Dibenzo(a,h)anthracene	18.83	278	590708	42.99	ng		99
91) Benzo(g,h,i)perylene	19.19	276	587104	42.89	ng	#	94

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

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