Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085715.D
Acq On : 24 Mar 2016 15:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:21 PM

Quant Time: Mar 25 01:03:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106265	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	436696	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	211346	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	395184	20.00	ng		0.00
75) Chrysene-d12	13.98	240	259518	20.00	ng		0.00
86) Perylene-d12	15.40	264	179679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	508535	79.70	ng		0.00
7) Phenol-d6	6.46	99	638000	78.64	ng		0.00
23) Nitrobenzene-d5	7.40	82	629333	81.15	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	161838	80.60	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1018127	80.49	ng		0.00
78) Terphenyl-d14	12.93	244	949044	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	119649	39.27	ng		99
3) Pyridine	3.10	79	332809	45.56	ng		99
4) n-Nitrosodimethylamine	3.05	42	114298	39.09	ng		98
6) Aniline	6.48	93	433932	39.74	ng		94
8) 2-Chlorophenol	6.61	128	308513	41.61	ng		99
9) Benzaldehyde	6.37	77	195753	40.05	ng		95
10) Phenol	6.47	94	373188	40.60	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	276780	39.13	ng		97
12) 1,3-Dichlorobenzene	6.77	146	327281	41.00	ng		98
13) 1,4-Dichlorobenzene	6.85	146	320220m	39.55	ng		
14) 1,2-Dichlorobenzene	7.00	146	319835	42.39	ng		99
15) Benzyl Alcohol	6.97	79	235901	43.58	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	384519	40.97	ng		97
17) 2-Methylphenol	7.09	107	251837	42.43	ng		98
18) Hexachloroethane	7.34	117	123857	41.78	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	212853	43.82	ng		97
20) 3+4-Methylphenols	7.24	107	289402	40.56	ng	#	88
22) Acetophenone	7.24	105	393466	38.68	ng		99
24) Nitrobenzene	7.41	77	296404	37.08	ng		95
25) Isophorone	7.66	82	589795	39.48	ng	#	92
26) 2-Nitrophenol	7.73	139	159207	39.81	ng	#	89
27) 2,4-Dimethylphenol	7.77	122	296473	42.41	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	349698	41.08	ng		99
29) 2,4-Dichlorophenol	7.97	162	230240	39.18	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	263915	40.45	ng		94
31) Naphthalene	8.14	128	861876	39.17	ng		99
32) Benzoic acid	7.90	122	200510	43.19	ng		99
33) 4-Chloroaniline	8.18	127	359283	39.99	ng	#	95
34) Hexachlorobutadiene	8.25	225	141988	40.04	ng		100
35) Caprolactam	8.56	113	78248	37.59	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	262425	38.23	ng		92
37) 2-Methylnaphthalene	8.82	142	554503	42.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	255421	40.75	ng		99
40) Hexachlorocyclopentadiene	8.97	237	85707	38.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	165704	39.15	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	180463	40.65	ng	#	89
45) 1,1'-Biphenyl	9.29	154	738543	41.41	ng		95
46) 2-Chloronaphthalene	9.32	162	552816	42.16	ng		97
47) 2-Nitroaniline	9.41	65	147240	36.72	ng		87
48) Acenaphthylene	9.73	152	864028	40.44	ng		99
49) Dimethylphthalate	9.59	163	576210	35.94	ng		99
50) 2,6-Dinitrotoluene	9.66	165	148736	43.09	ng	#	66
51) Acenaphthene	9.90	154	491556	37.66	ng		99
52) 3-Nitroaniline	9.82	138	145711	36.88	ng		91
53) 2,4-Dinitrophenol	9.93	184	64395	40.18	ng	#	76
54) Dibenzofuran	10.07	168	679516	40.23	ng		98
55) 4-Nitrophenol	9.99	139	105496	40.99	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	191126	43.57	ng	#	74
57) Fluorene	10.41	166	579096	41.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	121438	39.36	ng		98
59) Diethylphthalate	10.29	149	616995	38.95	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	250563	36.49	ng		95
61) 4-Nitroaniline	10.44	138	150426	39.81	ng		91
62) Azobenzene	10.56	77	600092	39.42	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	103950	44.92	ng	#	57
65) n-Nitrosodiphenylamine	10.53	169	521591	41.67	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	161913	40.05	ng		95
67) Hexachlorobenzene	10.96	284	177880	42.07	ng	#	93
68) Atrazine	11.05	200	172629	40.85	ng		99
69) Pentachlorophenol	11.16	266	91430	44.05	ng		100
70) Phenanthrene	11.37	178	896184	44.17	ng		99
71) Anthracene	11.42	178	836113	39.25	ng		99
72) Carbazole	11.58	167	746987	41.77	ng		100
73) Di-n-butylphthalate	11.91	149	977916	39.85	ng		100
74) Fluoranthene	12.55	202	823843	38.20	ng		100
76) Benzidine	12.68	184	398382	43.59	ng		98
77) Pyrene	12.78	202	819765	38.43	ng		99
79) Butylbenzylphthalate	13.40	149	361298	40.44	ng	#	65
80) Benzo(a)anthracene	13.97	228	590441	39.90	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	375982	36.61	ng		98
82) Chrysene	14.00	228	554387	37.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	425608	39.79	ng		100
84) Di-n-octyl phthalate	14.57	149	631679	39.71	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	452683	39.33	ng		99
87) Benzo(b)fluoranthene	15.00	252	503712m	44.50	ng		
88) Benzo(k)fluoranthene	15.02	252	383969m	37.63	ng		
89) Benzo(a)pyrene	15.34	252	415362	41.33	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	378690	40.55	ng		100
91) Benzo(g,h,i)perylene	17.19	276	385606	40.78	ng		98

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

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