Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093625.D
Acq On : 13 Mar 2017 23:45
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:16 PM

Quant Time: Mar 14 02:16:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168893	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	715882	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	322293	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	587696	20.00	ng		0.00
75) Chrysene-d12	13.90	240	452072	20.00	ng		0.01
86) Perylene-d12	15.31	264	319428	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	895119	88.21	ng		-0.02
7) Phenol-d6	6.37	99	1049057	81.98	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1098349	85.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	181205	86.30	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1566439	90.40	ng		0.00
78) Terphenyl-d14	12.84	244	1432872	82.41	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	257455	46.06	ng		85
3) Pyridine	2.86	79	531592	37.30	ng		89
4) n-Nitrosodimethylamine	2.82	42	300487	44.15	ng		79
6) Aniline	6.39	93	439586	25.03	ng		94
8) 2-Chlorophenol	6.49	128	475528	41.82	ng		87
9) Benzaldehyde	6.26	77	244933	27.74	ng		96
10) Phenol	6.38	94	696769	44.43	ng		99
11) bis(2-Chloroethyl)ether	6.45	93	700154	55.24	ng		95
12) 1,3-Dichlorobenzene	6.64	146	530271m	40.75	ng		
13) 1,4-Dichlorobenzene	6.72	146	559764	42.01	ng		99
14) 1,2-Dichlorobenzene	6.88	146	495944	42.03	ng		96
15) Benzyl Alcohol	6.88	79	255850	28.05	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	924026	43.89	ng		93
17) 2-Methylphenol	7.00	107	404195	42.03	ng	#	90
18) Hexachloroethane	7.21	117	189728	42.22	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	365662	41.56	ng		87
20) 3+4-Methylphenols	7.16	107	580159	46.52	ng	#	72
22) Acetophenone	7.13	105	695636	40.38	ng	#	98
24) Nitrobenzene	7.30	77	602612	41.56	ng		96
25) Isophorone	7.54	82	1038465	39.91	ng		94
26) 2-Nitrophenol	7.62	139	268163	40.53	ng		91
27) 2,4-Dimethylphenol	7.68	122	388365	36.08	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	687988	41.89	ng		99
29) 2,4-Dichlorophenol	7.89	162	395609	39.07	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	407432	37.84	ng		95
31) Naphthalene	8.02	128	1409835	39.30	ng		99
32) Benzoic acid	7.84	122	167501	29.95	ng		91
33) 4-Chloroaniline	8.15	127	552516m	37.95	ng		
34) Hexachlorobutadiene	8.14	225	221863	40.00	ng		98
35) Caprolactam	8.48	113	132263	38.25	ng	#	43
36) 4-Chloro-3-methylphenol	8.60	107	443395	41.03	ng		97
37) 2-Methylnaphthalene	8.72	142	891072	39.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	395181	44.90	ng		100
40) Hexachlorocyclopentadiene	8.87	237	64470	36.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	241832	43.98	ng		91
43) 2,4,5-Trichlorophenol	9.08	196	239217	40.55	ng	#	87
45) 1,1'-Biphenyl	9.18	154	1048976	44.68	ng		95
46) 2-Chloronaphthalene	9.21	162	864327	48.09	ng		99
47) 2-Nitroaniline	9.33	65	327854	51.61	ng		99
48) Acenaphthylene	9.62	152	1355571	45.74	ng		99
49) Dimethylphthalate	9.50	163	944466	44.20	ng		100
50) 2,6-Dinitrotoluene	9.57	165	221195	47.18	ng	#	69
51) Acenaphthene	9.80	154	803829	45.86	ng		96
52) 3-Nitroaniline	9.75	138	235768	41.86	ng		97
53) 2,4-Dinitrophenol	9.88	184	94645	44.33	ng	#	61
54) Dibenzofuran	9.97	168	1003089	45.73	ng		98
55) 4-Nitrophenol	9.96	139	56153m	20.52	ng		
56) 2,4-Dinitrotoluene	9.98	165	289904	50.33	ng	#	83
57) Fluorene	10.31	166	831708	44.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	188064	45.17	ng		96
59) Diethylphthalate	10.20	149	961449	47.08	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	379384	45.53	ng		97
61) 4-Nitroaniline	10.37	138	203601	35.34	ng		94
62) Azobenzene	10.46	77	1111734	47.91	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	125151	32.87	ng		83
65) n-Nitrosodiphenylamine	10.42	169	717586	36.57	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	228797	36.82	ng		96
67) Hexachlorobenzene	10.86	284	217181	36.60	ng	#	73
68) Atrazine	10.96	200	208970	36.38	ng		99
69) Pentachlorophenol	11.08	266	82055	40.05	ng		97
70) Phenanthrene	11.27	178	1230859	36.69	ng		99
71) Anthracene	11.33	178	1326959	39.10	ng		98
72) Carbazole	11.50	167	1322701	41.49	ng		98
73) Di-n-butylphthalate	11.82	149	1531910	41.54	ng	#	96
74) Fluoranthene	12.47	202	1332122	41.11	ng		93
76) Benzidine	12.63	184	106160	7.14	ng		99
77) Pyrene	12.70	202	1330206	40.46	ng		99
79) Butylbenzylphthalate	13.30	149	594005	42.92	ng		88
80) Benzo(a)anthracene	13.89	228	1025232	38.40	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	322597	34.50	ng	#	96
82) Chrysene	13.92	228	933396	37.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821464	42.58	ng		99
84) Di-n-octyl phthalate	14.48	149	1324092	41.18	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	692531	33.50	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	964256m	49.57	ng		
88) Benzo(k)fluoranthene	14.94	252	615126m	32.79	ng		
89) Benzo(a)pyrene	15.25	252	714511	40.19	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	597052	40.59	ng		96
91) Benzo(g,h,i)perylene	17.08	276	617930	40.93	ng	#	93

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

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