Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093520.D
Acq On : 10 Mar 2017 13:54
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/13/2017 5:28:38 PM

Quant Time: Mar 10 17:11:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177402	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	605721	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	298097	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	542917	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	485402	20.00	ng		-0.01
86) Perylene-d12	15.32	264	397220	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	876248	82.21	ng		0.01
7) Phenol-d6	6.42	99	1026370	76.36	ng		0.01
23) Nitrobenzene-d5	7.32	82	1038286	95.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	174815	90.01	ng		-0.02
44) 2-Fluorobiphenyl	9.11	172	1445246	90.18	ng		-0.02
78) Terphenyl-d14	12.85	244	1282024	68.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	221808	37.78	ng	#	86
3) Pyridine	2.95	79	591903m	39.54	ng		
4) n-Nitrosodimethylamine	2.90	42	274096	38.34	ng		83
6) Aniline	6.41	93	455000	24.66	ng	#	51
8) 2-Chlorophenol	6.54	128	453183	37.95	ng		95
9) Benzaldehyde	6.30	77	278035	30.89	ng		99
10) Phenol	6.44	94	668952	40.61	ng	#	72
11) bis(2-Chloroethyl)ether	6.48	93	472871	35.52	ng		91
12) 1,3-Dichlorobenzene	6.68	146	532035m	38.92	ng		
13) 1,4-Dichlorobenzene	6.76	146	545431	38.97	ng		98
14) 1,2-Dichlorobenzene	6.92	146	495790	40.00	ng		97
15) Benzyl Alcohol	6.90	79	283782	29.62	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	963145	43.55	ng		97
17) 2-Methylphenol	7.04	107	415449	41.13	ng		97
18) Hexachloroethane	7.25	117	189005	40.04	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	380547	41.18	ng	#	91
20) 3+4-Methylphenols	7.20	107	561981	42.90	ng	#	72
22) Acetophenone	7.17	105	713194	48.93	ng	#	94
24) Nitrobenzene	7.34	77	579191	47.21	ng		99
25) Isophorone	7.58	82	940056	42.70	ng		96
26) 2-Nitrophenol	7.66	139	251772	44.98	ng		91
27) 2,4-Dimethylphenol	7.72	122	368128	40.42	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	501432	36.08	ng		98
29) 2,4-Dichlorophenol	7.92	162	369345	43.11	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	370995	40.72	ng		99
31) Naphthalene	8.05	128	1184741	39.03	ng		99
32) Benzoic acid	7.86	122	136881	28.93	ng		97
33) 4-Chloroaniline	8.14	127	499636	40.56	ng		97
34) Hexachlorobutadiene	8.16	225	190456	40.58	ng		99
35) Caprolactam	8.49	113	111136	37.98	ng	#	36
36) 4-Chloro-3-methylphenol	8.63	107	345572	37.79	ng		91
37) 2-Methylnaphthalene	8.74	142	815944	42.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	350465	43.06	ng		98
40) Hexachlorocyclopentadiene	8.89	237	106445	56.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	226838	44.60	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	213536	39.13	ng	#	90
45) 1,1'-Biphenyl	9.20	154	898401	41.37	ng		96
46) 2-Chloronaphthalene	9.24	162	766122	46.09	ng		96
47) 2-Nitroaniline	9.35	65	260597	44.35	ng	#	83
48) Acenaphthylene	9.65	152	1235037	45.05	ng		98
49) Dimethylphthalate	9.51	163	788355	39.89	ng		98
50) 2,6-Dinitrotoluene	9.59	165	200465	46.23	ng	#	75
51) Acenaphthene	9.82	154	737917	45.52	ng		97
52) 3-Nitroaniline	9.76	138	225196	43.23	ng		99
53) 2,4-Dinitrophenol	9.90	184	39016	19.76	ng	#	85
54) Dibenzofuran	9.99	168	961000	47.36	ng		95
55) 4-Nitrophenol	10.01	139	35831m	14.16	ng		
56) 2,4-Dinitrotoluene	10.00	165	244467	45.89	ng	#	68
57) Fluorene	10.33	166	854754	49.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	162389	42.17	ng		92
59) Diethylphthalate	10.21	149	793037	41.99	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	382660	49.65	ng	#	86
61) 4-Nitroaniline	10.38	138	206492	38.75	ng		92
62) Azobenzene	10.48	77	906351	42.23	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	129154	36.72	ng		89
65) n-Nitrosodiphenylamine	10.45	169	696620	38.43	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	220450	38.40	ng	#	81
67) Hexachlorobenzene	10.88	284	225146	41.07	ng		97
68) Atrazine	10.98	200	203989	38.44	ng		93
69) Pentachlorophenol	11.09	266	100694	53.20	ng		96
70) Phenanthrene	11.29	178	1202716	38.81	ng		98
71) Anthracene	11.34	178	1219133	38.89	ng		98
72) Carbazole	11.51	167	1117918	37.96	ng		99
73) Di-n-butylphthalate	11.83	149	1304157	38.28	ng	#	96
74) Fluoranthene	12.48	202	1255805	41.95	ng		95
76) Benzidine	12.61	184	834769	52.30	ng		98
77) Pyrene	12.71	202	1253645	35.51	ng		99
79) Butylbenzylphthalate	13.32	149	520880	35.05	ng		95
80) Benzo(a)anthracene	13.90	228	1072202	37.40	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	396084	39.45	ng	#	95
82) Chrysene	13.93	228	886044	33.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	694315	33.52	ng		98
84) Di-n-octyl phthalate	14.49	149	1235357	35.78	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	825316	37.18	ng		95
87) Benzo(b)fluoranthene	14.92	252	1215626m	50.25	ng		
88) Benzo(k)fluoranthene	14.95	252	681007m	29.19	ng		
89) Benzo(a)pyrene	15.26	252	868040	39.26	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	707798	38.70	ng		96
91) Benzo(g,h,i)perylene	17.09	276	728033	38.78	ng	#	91

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

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