Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096022.D
Acq On : 20 Jun 2017 1:45
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/20/2017 4:29:13 PM

Quant Time: Jun 20 04:09:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	96847	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	379995	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	160251	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	245907	20.00	ng		-0.02
75) Chrysene-d12	18.28	240	175774	20.00	ng		-0.02
86) Perylene-d12	19.95	264	153871	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	519687	85.51	ng		-0.03
7) Phenol-d6	6.89	99	583273	80.16	ng		-0.02
23) Nitrobenzene-d5	8.24	82	511266	83.56	ng		-0.01
41) 2,4,6-Tribromophenol	13.46	330	104375	73.62	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	927883	80.57	ng		-0.02
78) Terphenyl-d14	16.93	244	576147	81.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.62	88	122865	42.49	ng	#	84
3) Pyridine	2.15	79	266717m	39.25	ng		
4) n-Nitrosodimethylamine	2.13	42	105395	40.80	ng		81
6) Aniline	6.81	93	385330	40.48	ng		93
8) 2-Chlorophenol	6.99	128	267361	41.37	ng		95
9) Benzaldehyde	6.62	77	185153	37.72	ng		97
10) Phenol	6.90	94	324424	42.98	ng		88
11) bis(2-Chloroethyl)ether	6.96	93	249788	41.78	ng		96
12) 1,3-Dichlorobenzene	7.20	146	294540	40.27	ng		99
13) 1,4-Dichlorobenzene	7.33	146	308070	41.53	ng		97
14) 1,2-Dichlorobenzene	7.57	146	287121	41.99	ng		95
15) Benzyl Alcohol	7.62	79	206995	41.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	346759	41.28	ng		96
17) 2-Methylphenol	7.85	107	225325	41.55	ng		95
18) Hexachloroethane	8.08	117	100180	40.89	ng	#	86
19) n-Nitroso-di-n-propylamine	8.06	70	190582	41.33	ng		92
20) 3+4-Methylphenols	8.11	107	289283	42.02	ng	#	58
22) Acetophenone	8.01	105	371708	41.79	ng	#	83
24) Nitrobenzene	8.26	77	273112	41.79	ng		93
25) Isophorone	8.67	82	467447	40.92	ng		95
26) 2-Nitrophenol	8.77	139	141413	41.32	ng		98
27) 2,4-Dimethylphenol	8.93	122	219772	41.38	ng		98
28) bis(2-Chloroethoxy)methane	9.05	93	318333	42.27	ng		99
29) 2,4-Dichlorophenol	9.20	162	206931	40.45	ng		99
30) 1,2,4-Trichlorobenzene	9.27	180	218947	41.13	ng		99
31) Naphthalene	9.37	128	768078	40.28	ng		99
32) Benzoic acid	9.32	122	84179	27.77	ng		95
33) 4-Chloroaniline	9.53	127	305192	40.94	ng		93
34) Hexachlorobutadiene	9.59	225	115818	42.11	ng		97
35) Caprolactam	10.20	113	63416	41.66	ng	#	84
36) 4-Chloro-3-methylphenol	10.41	107	215769	40.29	ng		89
37) 2-Methylnaphthalene	10.50	142	506712	39.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	203031	42.33	ng		99
40) Hexachlorocyclopentadiene	10.75	237	16250	20.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	130892	42.45	ng		99
43) 2,4,5-Trichlorophenol	11.11	196	129293	39.42	ng		96
45) 1,1'-Biphenyl	11.27	154	545060	41.27	ng		97
46) 2-Chloronaphthalene	11.29	162	416672	40.38	ng		96
47) 2-Nitroaniline	11.51	65	126909	42.02	ng	#	85
48) Acenaphthylene	11.93	152	661225	37.47	ng		99
49) Dimethylphthalate	11.83	163	500608	41.14	ng		99
50) 2,6-Dinitrotoluene	11.93	165	100819	37.99	ng	#	65
51) Acenaphthene	12.22	154	399933	39.24	ng		99
52) 3-Nitroaniline	12.19	138	122709	39.69	ng		92
53) 2,4-Dinitrophenol	12.46	184	11185	13.32	ng	#	61
54) Dibenzofuran	12.50	168	565142	39.40	ng		97
55) 4-Nitrophenol	12.64	139	46636	28.97	ng	#	76
56) 2,4-Dinitrotoluene	12.60	165	142623	39.79	ng		92
57) Fluorene	13.06	166	476820	38.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.76	232	83569	37.24	ng	#	93
59) Diethylphthalate	12.97	149	484251	41.36	ng		100
60) 4-Chlorophenyl-phenylether	13.08	204	215429	39.69	ng		92
61) 4-Nitroaniline	13.20	138	106429	36.86	ng		97
62) Azobenzene	13.34	77	411616	38.79	ng		94
64) 4,6-Dinitro-2-methylphenol	13.28	198	32648	20.20	ng	#	37
65) n-Nitrosodiphenylamine	13.30	169	392546	44.42	ng		98
66) 4-Bromophenyl-phenylether	13.86	248	115548	45.21	ng		96
67) Hexachlorobenzene	13.94	284	109194	43.36	ng	#	85
68) Atrazine	14.22	200	111307	45.26	ng		97
69) Pentachlorophenol	14.32	266	31995	37.34	ng		97
70) Phenanthrene	14.59	178	574280	40.47	ng		98
71) Anthracene	14.67	178	596022	40.24	ng		98
72) Carbazole	14.98	167	571896	39.62	ng		98
73) Di-n-butylphthalate	15.57	149	696842	45.37	ng		98
74) Fluoranthene	16.37	202	512281	36.48	ng		98
76) Benzidine	16.62	184	287594	42.60	ng	#	95
77) Pyrene	16.67	202	513910	39.18	ng		98
79) Butylbenzylphthalate	17.60	149	232600	40.61	ng	#	83
80) Benzo(a)anthracene	18.27	228	404621	39.59	ng		97
81) 3,3'-Dichlorobenzidine	18.25	252	149372	41.11	ng	#	97
82) Chrysene	18.31	228	406554	39.81	ng		99
83) Bis(2-ethylhexyl)phthalate	18.35	149	328156	40.61	ng	#	98
84) Di-n-octyl phthalate	19.12	149	550357	41.34	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	337571	38.63	ng		99
87) Benzo(b)fluoranthene	19.54	252	392033	40.69	ng		98
88) Benzo(k)fluoranthene	19.57	252	384428	41.74	ng		97
89) Benzo(a)pyrene	19.89	252	361357	40.81	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	292636	38.96	ng		98
91) Benzo(g,h,i)perylene	21.43	276	285879	37.33	ng		97

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

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