Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095056.D
Acq On : 10 May 2017 14:52
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/11/2017 2:25:21 PM

Quant Time: May 10 16:45:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	90320	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	378198	20.00	ng		-0.02
38) Acenaphthene-d10	12.55	164	177823	20.00	ng		-0.03
63) Phenanthrene-d10	14.96	188	306512	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	256430	20.00	ng		-0.02
86) Perylene-d12	20.30	264	205989	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	438356	80.92	ng		-0.03
7) Phenol-d6	7.25	99	532027	81.85	ng		-0.03
23) Nitrobenzene-d5	8.61	82	477521	79.62	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	118015	81.04	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	947538	76.70	ng		-0.02
78) Terphenyl-d14	17.29	244	905068	77.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	110805	41.70	ng		94
3) Pyridine	2.73	79	235504	38.25	ng		94
4) n-Nitrosodimethylamine	2.66	42	97740	38.08	ng		80
6) Aniline	7.21	93	328283	40.01	ng		97
8) 2-Chlorophenol	7.40	128	252760	40.99	ng		96
9) Benzaldehyde	7.02	77	156814	39.51	ng		97
10) Phenol	7.27	94	265958	38.83	ng		89
11) bis(2-Chloroethyl)ether	7.34	93	225716	39.92	ng		94
12) 1,3-Dichlorobenzene	7.61	146	286712	40.99	ng		97
13) 1,4-Dichlorobenzene	7.73	146	287332	40.51	ng		96
14) 1,2-Dichlorobenzene	7.97	146	275071	41.54	ng		97
15) Benzyl Alcohol	8.00	79	185267	44.31	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	311807	38.96	ng		71
17) 2-Methylphenol	8.21	107	208669	41.35	ng		94
18) Hexachloroethane	8.48	117	95782	39.86	ng	#	84
19) n-Nitroso-di-n-propylamine	8.42	70	175309	39.88	ng		94
20) 3+4-Methylphenols	8.46	107	276188	40.28	ng	#	58
22) Acetophenone	8.38	105	354953	39.12	ng	#	83
24) Nitrobenzene	8.64	77	247574	39.38	ng		93
25) Isophorone	9.04	82	421431	39.35	ng		96
26) 2-Nitrophenol	9.15	139	139366	41.08	ng		97
27) 2,4-Dimethylphenol	9.28	122	217436	39.65	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	292380	39.47	ng		100
29) 2,4-Dichlorophenol	9.57	162	201354	38.88	ng		99
30) 1,2,4-Trichlorobenzene	9.65	180	223745	40.33	ng		99
31) Naphthalene	9.77	128	766053	40.30	ng		99
32) Benzoic acid	9.61	122	123752	35.81	ng		94
33) 4-Chloroaniline	9.90	127	305840	43.18	ng		94
34) Hexachlorobutadiene	9.98	225	115581	39.48	ng		97
35) Caprolactam	10.52	113	68858m	44.28	ng		
36) 4-Chloro-3-methylphenol	10.75	107	246026	44.44	ng		87
37) 2-Methylnaphthalene	10.89	142	531286	42.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	216881	39.66	ng		99
40) Hexachlorocyclopentadiene	11.14	237	65265	32.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	147619	40.43	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	145911	37.18	ng	#	93
45) 1,1'-Biphenyl	11.65	154	614849	41.07	ng		98
46) 2-Chloronaphthalene	11.67	162	489777	40.51	ng		96
47) 2-Nitroaniline	11.88	65	138887	41.98	ng	#	85
48) Acenaphthylene	12.33	152	757446	40.00	ng		98
49) Dimethylphthalate	12.20	163	570444	39.08	ng		100
50) 2,6-Dinitrotoluene	12.29	165	121752	40.88	ng		96
51) Acenaphthene	12.61	154	447385	39.56	ng		98
52) 3-Nitroaniline	12.57	138	136118	42.58	ng		89
53) 2,4-Dinitrophenol	12.77	184	54884	37.09	ng	#	69
54) Dibenzofuran	12.90	168	629140	40.20	ng		98
55) 4-Nitrophenol	12.97	139	72883m	37.96	ng		
56) 2,4-Dinitrotoluene	12.96	165	159287	41.62	ng	#	93
57) Fluorene	13.45	166	534697	39.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	97479	39.47	ng		98
59) Diethylphthalate	13.35	149	547692	39.14	ng		100
60) 4-Chlorophenyl-phenylether	13.48	204	228568	38.22	ng		92
61) 4-Nitroaniline	13.57	138	123986	42.25	ng		97
62) Azobenzene	13.74	77	447231	39.78	ng		95
64) 4,6-Dinitro-2-methylphenol	13.62	198	83655	40.71	ng	#	67
65) n-Nitrosodiphenylamine	13.69	169	453766	40.79	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	129321	39.94	ng		98
67) Hexachlorobenzene	14.35	284	131715	39.69	ng	#	87
68) Atrazine	14.61	200	130237	41.46	ng		95
69) Pentachlorophenol	14.71	266	47735	35.34	ng		97
70) Phenanthrene	15.00	178	718029	40.77	ng		99
71) Anthracene	15.08	178	748349	41.60	ng		98
72) Carbazole	15.37	167	675381	41.26	ng		97
73) Di-n-butylphthalate	15.93	149	836138	40.96	ng		99
74) Fluoranthene	16.74	202	764097	42.30	ng		100
76) Benzidine	16.97	184	128110	22.53	ng	#	94
77) Pyrene	17.04	202	787365	41.06	ng		100
79) Butylbenzylphthalate	17.95	149	346265	38.82	ng		91
80) Benzo(a)anthracene	18.62	228	581314	38.95	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	207793	40.31	ng	#	98
82) Chrysene	18.67	228	597405	41.40	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	505999	39.81	ng	#	100
84) Di-n-octyl phthalate	19.46	149	793747	38.09	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	420780	35.91	ng		100
87) Benzo(b)fluoranthene	19.89	252	514042	40.39	ng		98
88) Benzo(k)fluoranthene	19.92	252	514764m	41.93	ng		
89) Benzo(a)pyrene	20.24	252	459417	39.12	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	372733	38.43	ng		98
91) Benzo(g,h,i)perylene	21.96	276	377521	39.66	ng		99

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

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