Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095951.D
Acq On : 16 Jun 2017 12:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/19/2017 3:46:45 PM

Quant Time: Jun 16 23:21:19 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	7.32	152	80481	20.00	ng		0.00
21) Naphthalene-d8	9.36	136	339653	20.00	ng		0.00
38) Acenaphthene-d10	12.18	164	161309	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	297327	20.00	ng		0.00
75) Chrysene-d12	18.30	240	257623	20.00	ng		0.00
86) Perylene-d12	19.96	264	232369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	446721	88.45	ng		0.00
7) Phenol-d6	6.91	99	520411	86.07	ng		0.00
23) Nitrobenzene-d5	8.25	82	451624	82.58	ng		0.00
41) 2,4,6-Tribromophenol	13.48	330	120666	84.55	ng		0.00
44) 2-Fluorobiphenyl	11.14	172	884721	76.32	ng		0.00
78) Terphenyl-d14	16.95	244	811122	78.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	94972	39.53	ng		92
3) Pyridine	2.17	79	238277	42.19	ng		96
4) n-Nitrosodimethylamine	2.15	42	89343	41.61	ng		86
6) Aniline	6.82	93	327662	41.42	ng		95
8) 2-Chlorophenol	7.02	128	227162	42.30	ng		97
9) Benzaldehyde	6.63	77	152025	37.27	ng		99
10) Phenol	6.93	94	280154	44.66	ng		88
11) bis(2-Chloroethyl)ether	6.97	93	222245	44.73	ng		96
12) 1,3-Dichlorobenzene	7.22	146	253598	41.72	ng		98
13) 1,4-Dichlorobenzene	7.35	146	258235	41.89	ng		98
14) 1,2-Dichlorobenzene	7.59	146	245224	43.15	ng		95
15) Benzyl Alcohol	7.64	79	181620	43.76	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	294863	42.24	ng		97
17) 2-Methylphenol	7.87	107	196085	43.51	ng		92
18) Hexachloroethane	8.10	117	88024	43.24	ng	#	87
19) n-Nitroso-di-n-propylamine	8.07	70	166938	43.57	ng		95
20) 3+4-Methylphenols	8.13	107	258903	45.26	ng	#	58
22) Acetophenone	8.02	105	329432	41.44	ng	#	84
24) Nitrobenzene	8.28	77	243728	41.72	ng		94
25) Isophorone	8.69	82	412188	40.36	ng	#	93
26) 2-Nitrophenol	8.79	139	130807	42.76	ng		98
27) 2,4-Dimethylphenol	8.95	122	196237	41.33	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	273298	40.60	ng		99
29) 2,4-Dichlorophenol	9.22	162	196531	42.98	ng		99
30) 1,2,4-Trichlorobenzene	9.29	180	195859	41.17	ng		99
31) Naphthalene	9.39	128	694922	40.77	ng		99
32) Benzoic acid	9.34	122	116844	40.30	ng		95
33) 4-Chloroaniline	9.55	127	280493	42.10	ng	#	93
34) Hexachlorobutadiene	9.61	225	99773	40.59	ng		98
35) Caprolactam	10.20	113	63809	46.90	ng	#	84
36) 4-Chloro-3-methylphenol	10.43	107	202149	42.23	ng		89
37) 2-Methylnaphthalene	10.52	142	475311	41.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	188949	39.14	ng		99
40) Hexachlorocyclopentadiene	10.77	237	46157	37.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	127759	41.16	ng		99
43) 2,4,5-Trichlorophenol	11.13	196	128377	38.88	ng		93
45) 1,1'-Biphenyl	11.29	154	521071	39.19	ng		97
46) 2-Chloronaphthalene	11.30	162	406925	39.17	ng		94
47) 2-Nitroaniline	11.53	65	124484	40.95	ng	#	78
48) Acenaphthylene	11.95	152	682695	38.43	ng		98
49) Dimethylphthalate	11.85	163	482814	39.42	ng		99
50) 2,6-Dinitrotoluene	11.94	165	105198	39.38	ng	#	69
51) Acenaphthene	12.23	154	402020	39.19	ng		98
52) 3-Nitroaniline	12.21	138	129395	41.57	ng		91
53) 2,4-Dinitrophenol	12.44	184	50370	37.08	ng	#	61
54) Dibenzofuran	12.52	168	578302	40.05	ng		97
55) 4-Nitrophenol	12.65	139	57315	34.34	ng	#	79
56) 2,4-Dinitrotoluene	12.62	165	154646	42.86	ng		92
57) Fluorene	13.07	166	504674	40.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	90063	39.87	ng	#	98
59) Diethylphthalate	12.99	149	476182	40.40	ng		99
60) 4-Chlorophenyl-phenylether	13.10	204	217374	39.78	ng		88
61) 4-Nitroaniline	13.22	138	125354	43.14	ng		95
62) Azobenzene	13.36	77	424006	39.69	ng		95
64) 4,6-Dinitro-2-methylphenol	13.29	198	81916	41.91	ng	#	70
65) n-Nitrosodiphenylamine	13.32	169	420515	39.36	ng		99
66) 4-Bromophenyl-phenylether	13.88	248	122863	39.76	ng		99
67) Hexachlorobenzene	13.97	284	124185	40.78	ng	#	89
68) Atrazine	14.24	200	122814	41.30	ng		96
69) Pentachlorophenol	14.34	266	42065	40.03	ng		91
70) Phenanthrene	14.61	178	691541	40.31	ng		98
71) Anthracene	14.70	178	713349	39.83	ng		98
72) Carbazole	15.00	167	743315	42.59	ng		97
73) Di-n-butylphthalate	15.59	149	778766	41.94	ng		98
74) Fluoranthene	16.39	202	732714	43.15	ng		99
76) Benzidine	16.62	184	361447	36.53	ng	#	92
77) Pyrene	16.70	202	753873	39.22	ng		99
79) Butylbenzylphthalate	17.62	149	337918	40.25	ng	#	85
80) Benzo(a)anthracene	18.29	228	602013	40.19	ng		98
81) 3,3'-Dichlorobenzidine	18.27	252	220349	41.38	ng	#	95
82) Chrysene	18.33	228	599580	40.06	ng		99
83) Bis(2-ethylhexyl)phthalate	18.37	149	476008	40.20	ng		100
84) Di-n-octyl phthalate	19.14	149	779252	39.93	ng		96
85) Indeno(1,2,3-cd)pyrene	21.13	276	481548	37.60	ng		99
87) Benzo(b)fluoranthene	19.56	252	612770	42.11	ng		98
88) Benzo(k)fluoranthene	19.59	252	522297m	37.55	ng		
89) Benzo(a)pyrene	19.91	252	535462	40.04	ng		99
90) Dibenzo(a,h)anthracene	21.13	278	408354	36.00	ng		98
91) Benzo(g,h,i)perylene	21.44	276	417389	36.09	ng		98

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

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