Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096323.D
Acq On : 30 Jun 2017 8:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/3/2017 11:36:38 AM

Quant Time: Jun 30 17:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178239	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	760539	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	326840	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	536528	20.00	ng		0.00
75) Chrysene-d12	13.93	240	370382	20.00	ng		0.01
86) Perylene-d12	15.34	264	318283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1014188	81.98	ng		0.00
7) Phenol-d6	6.41	99	1253557	83.68	ng		0.02
23) Nitrobenzene-d5	7.34	82	1014020	92.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	278691	108.35	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1549610	86.83	ng		-0.01
78) Terphenyl-d14	12.87	244	1203163	81.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	242181	41.04	ng	#	80
3) Pyridine	3.20	79	686519	42.42	ng	#	74
4) n-Nitrosodimethylamine	3.14	42	331382	41.39	ng		92
6) Aniline	6.43	93	839241	40.63	ng		98
8) 2-Chlorophenol	6.56	128	509385	41.96	ng		97
9) Benzaldehyde	6.32	77	376888	42.02	ng		99
10) Phenol	6.42	94	677399	41.13	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	550173	40.83	ng		91
12) 1,3-Dichlorobenzene	6.72	146	546005	40.81	ng		99
13) 1,4-Dichlorobenzene	6.79	146	547503	40.77	ng		95
14) 1,2-Dichlorobenzene	6.95	146	503425	41.14	ng		96
15) Benzyl Alcohol	6.92	79	430166	42.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1135133	39.87	ng		92
17) 2-Methylphenol	7.03	107	436465	41.46	ng		96
18) Hexachloroethane	7.29	117	202664	41.84	ng	#	83
19) n-Nitroso-di-n-propylamine	7.20	70	364287	40.59	ng		90
20) 3+4-Methylphenols	7.19	107	484923	40.39	ng		96
22) Acetophenone	7.19	105	632128	39.99	ng	#	91
24) Nitrobenzene	7.36	77	550711	45.27	ng		94
25) Isophorone	7.60	82	1005607	40.30	ng		98
26) 2-Nitrophenol	7.67	139	282519	50.16	ng	#	90
27) 2,4-Dimethylphenol	7.72	122	452985	40.18	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	675901	39.99	ng		100
29) 2,4-Dichlorophenol	7.92	162	411376	42.78	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	393168	41.20	ng		99
31) Naphthalene	8.08	128	1467913	40.05	ng		99
32) Benzoic acid	7.84	122	331827	42.77	ng		95
33) 4-Chloroaniline	8.13	127	620431	40.89	ng		97
34) Hexachlorobutadiene	8.20	225	198478	41.92	ng		99
35) Caprolactam	8.50	113	145548	43.80	ng	#	62
36) 4-Chloro-3-methylphenol	8.61	107	436155	41.69	ng		90
37) 2-Methylnaphthalene	8.77	142	955768	40.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	327438	41.39	ng		99
40) Hexachlorocyclopentadiene	8.93	237	169971	47.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	254424	42.66	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	277446	44.14	ng		98
45) 1,1'-Biphenyl	9.23	154	1031172	41.12	ng		97
46) 2-Chloronaphthalene	9.26	162	824023	39.61	ng	#	93
47) 2-Nitroaniline	9.35	65	322512	49.09	ng		95
48) Acenaphthylene	9.67	152	1385367	40.14	ng		99
49) Dimethylphthalate	9.54	163	945546	40.42	ng		100
50) 2,6-Dinitrotoluene	9.59	165	226958	46.65	ng	#	78
51) Acenaphthene	9.85	154	835496	41.13	ng		99
52) 3-Nitroaniline	9.76	138	286316	45.95	ng		89
53) 2,4-Dinitrophenol	9.86	184	112257	60.50	ng	#	71
54) Dibenzofuran	10.02	168	1082786	40.82	ng		99
55) 4-Nitrophenol	9.92	139	225834	44.82	ng	#	64
56) 2,4-Dinitrotoluene	10.00	165	294126	47.96	ng	#	87
57) Fluorene	10.36	166	789639	44.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	192719	43.88	ng		99
59) Diethylphthalate	10.23	149	917911	39.08	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	331522	43.74	ng		94
61) 4-Nitroaniline	10.37	138	248661	45.87	ng		89
62) Azobenzene	10.51	77	925529	39.08	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	149734	52.24	ng		91
65) n-Nitrosodiphenylamine	10.47	169	757657	39.26	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	228741	41.43	ng		98
67) Hexachlorobenzene	10.91	284	253471	44.66	ng	#	92
68) Atrazine	11.00	200	208275	40.91	ng		95
69) Pentachlorophenol	11.10	266	158886	49.04	ng		99
70) Phenanthrene	11.32	178	1177299	43.50	ng		100
71) Anthracene	11.37	178	1212916	40.45	ng		100
72) Carbazole	11.52	167	1268355	38.32	ng		99
73) Di-n-butylphthalate	11.86	149	1384493	39.61	ng		99
74) Fluoranthene	12.50	202	1153835	38.71	ng		98
76) Benzidine	12.62	184	490202	35.30	ng	#	93
77) Pyrene	12.73	202	1187138	39.00	ng		99
79) Butylbenzylphthalate	13.35	149	556235	39.88	ng	#	80
80) Benzo(a)anthracene	13.92	228	826867	36.62	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	337521	39.26	ng	#	95
82) Chrysene	13.95	228	853136	36.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	566917	37.40	ng	#	99
84) Di-n-octyl phthalate	14.52	149	1073799	34.39	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.75	276	770174	39.73	ng		99
87) Benzo(b)fluoranthene	14.94	252	800200m	38.27	ng		
88) Benzo(k)fluoranthene	14.97	252	708390m	37.11	ng		
89) Benzo(a)pyrene	15.29	252	710243	38.46	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	644138	44.55	ng		100
91) Benzo(g,h,i)perylene	17.17	276	690884	45.97	ng		97

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

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