Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
Data File : BG027694.D
Acq On : 27 Jun 2017 9:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2017 8:37:33 AM

Quant Time: Jun 28 01:19:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	14594	20.00	ng		-0.02
21) Naphthalene-d8	11.30	136	74968	20.00	ng		-0.02
38) Acenaphthene-d10	15.08	164	49406	20.00	ng		-0.02
63) Phenanthrene-d10	17.82	188	128186	20.00	ng		-0.02
75) Chrysene-d12	22.19	240	156934	20.00	ng		-0.02
86) Perylene-d12	25.81	264	141145	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.07	112	82235	80.20	ng		-0.02
7) Phenol-d6	7.63	99	120770	79.56	ng		-0.02
23) Nitrobenzene-d5	9.65	82	130879	82.61	ng		-0.02
41) 2,4,6-Tribromophenol	16.56	330	67704	91.92	ng		-0.02
44) 2-Fluorobiphenyl	13.70	172	323172	89.35	ng		-0.02
78) Terphenyl-d14	20.40	244	581147	87.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.07	88	13660	34.31	ng		85
3) Pyridine	4.45	79	43038	33.39	ng		85
4) n-Nitrosodimethylamine	4.37	42	24670	41.94	ng		94
6) Aniline	7.81	93	72184	38.96	ng		93
8) 2-Chlorophenol	8.06	128	45426	41.87	ng		94
9) Benzaldehyde	7.63	77	40505	39.27	ng		89
10) Phenol	7.66	94	59935	38.76	ng		96
11) bis(2-Chloroethyl)ether	7.90	93	45139	37.29	ng		89
12) 1,3-Dichlorobenzene	8.38	146	47225	41.23	ng		95
13) 1,4-Dichlorobenzene	8.53	146	50120	43.34	ng		97
14) 1,2-Dichlorobenzene	8.85	146	47644	41.93	ng		98
15) Benzyl Alcohol	8.71	79	52245	43.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.00	45	59031	29.39	ng		83
17) 2-Methylphenol	8.91	107	44132	40.56	ng		97
18) Hexachloroethane	9.58	117	18754	41.36	ng		88
19) n-Nitroso-di-n-propylamine	9.28	70	48405	40.14	ng		88
20) 3+4-Methylphenols	9.23	107	63009	42.29	ng		93
22) Acetophenone	9.31	105	86770	42.21	ng	#	90
24) Nitrobenzene	9.69	77	69064	39.77	ng	#	90
25) Isophorone	10.21	82	130327	40.04	ng		99
26) 2-Nitrophenol	10.41	139	27693	43.11	ng		95
27) 2,4-Dimethylphenol	10.44	122	50226	41.40	ng		90
28) bis(2-Chloroethoxy)methane	10.68	93	69562	37.92	ng		98
29) 2,4-Dichlorophenol	10.94	162	47592	45.42	ng		98
30) 1,2,4-Trichlorobenzene	11.16	180	54089	45.15	ng		92
31) Naphthalene	11.36	128	167734	41.40	ng		99
32) Benzoic acid	10.54	122	9408	16.97	ng		89
33) 4-Chloroaniline	11.46	127	72944	42.45	ng		92
34) Hexachlorobutadiene	11.63	225	35630	49.22	ng		97
35) Caprolactam	12.23	113	19404	39.73	ng	#	77
36) 4-Chloro-3-methylphenol	12.54	107	70050	43.59	ng		96
37) 2-Methylnaphthalene	12.93	142	130434	44.29	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	73664	47.55	ng		99
40) Hexachlorocyclopentadiene	13.26	237	36194	43.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	45360	45.31	ng		99
43) 2,4,5-Trichlorophenol	13.58	196	51178	43.50	ng		95
45) 1,1'-Biphenyl	13.91	154	174521	42.36	ng		97
46) 2-Chloronaphthalene	13.96	162	130440	42.57	ng		92
47) 2-Nitroaniline	14.15	65	54133	39.36	ng		95
48) Acenaphthylene	14.80	152	225368	41.98	ng		98
49) Dimethylphthalate	14.51	163	183014	42.31	ng		98
50) 2,6-Dinitrotoluene	14.64	165	40832	43.50	ng		96
51) Acenaphthene	15.14	154	145136	38.80	ng		97
52) 3-Nitroaniline	14.98	138	40487	40.86	ng		88
53) 2,4-Dinitrophenol	15.18	184	6799	12.82	ng	#	82
54) Dibenzofuran	15.47	168	205255	42.13	ng		99
55) 4-Nitrophenol	15.26	139	28958	34.91	ng	#	88
56) 2,4-Dinitrotoluene	15.42	165	58600	44.03	ng	#	96
57) Fluorene	16.12	166	198059	42.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.69	232	47372m	45.73	ng		
59) Diethylphthalate	15.86	149	198263	42.00	ng		96
60) 4-Chlorophenyl-phenylether	16.10	204	100422	44.22	ng		97
61) 4-Nitroaniline	16.13	138	45117	41.50	ng		97
62) Azobenzene	16.39	77	183549	37.92	ng		97
64) 4,6-Dinitro-2-methylphenol	16.19	198	26078	32.04	ng		82
65) n-Nitrosodiphenylamine	16.32	169	165448	42.10	ng		96
66) 4-Bromophenyl-phenylether	17.00	248	64815	45.97	ng		89
67) Hexachlorobenzene	17.13	284	67108	44.54	ng		98
68) Atrazine	17.25	200	62179	43.19	ng		97
69) Pentachlorophenol	17.47	266	34222	36.57	ng		95
70) Phenanthrene	17.87	178	306808	42.07	ng		94
71) Anthracene	17.96	178	313970	42.76	ng		94
72) Carbazole	18.23	167	294617	41.19	ng		96
73) Di-n-butylphthalate	18.74	149	324179	40.45	ng	#	94
74) Fluoranthene	19.86	202	376174	44.28	ng		93
76) Benzidine	20.02	184	135701	35.23	ng		95
77) Pyrene	20.22	202	386596	40.52	ng		94
79) Butylbenzylphthalate	21.09	149	153566	38.57	ng		94
80) Benzo(a)anthracene	22.16	228	392023	41.63	ng		93
81) 3,3'-Dichlorobenzidine	22.06	252	148797	43.71	ng		97
82) Chrysene	22.24	228	372632	41.77	ng		93
83) Bis(2-ethylhexyl)phthalate	22.02	149	224588	38.48	ng		99
84) Di-n-octyl phthalate	23.36	149	379706	39.11	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.97	276	435852	42.87	ng	#	97
87) Benzo(b)fluoranthene	24.65	252	399613	44.28	ng		98
88) Benzo(k)fluoranthene	24.72	252	400752	45.39	ng		95
89) Benzo(a)pyrene	25.63	252	377922	44.37	ng		95
90) Dibenzo(a,h)anthracene	30.04	278	378622	43.65	ng		97
91) Benzo(g,h,i)perylene	31.29	276	365089	43.33	ng	#	95

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

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