Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
Data File : BG030611.D
Acq On : 31 Oct 2017 14:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/1/2017 4:59:28 PM

Quant Time: Nov 01 06:37:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73438	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	367807	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	234957	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	519164	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	537873	20.00	ng		0.00
86) Perylene-d12	25.10	264	552796	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	347523	79.05	ng		0.00
7) Phenol-d6	7.32	99	495244	80.26	ng		0.00
23) Nitrobenzene-d5	9.33	82	458585	79.23	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	241071	79.47	ng		-0.01
44) 2-Fluorobiphenyl	13.41	172	1219238	76.11	ng		-0.01
78) Terphenyl-d14	20.11	244	1737522	73.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	67364	37.768	ng		84
3) Pyridine	3.99	79	208765	40.193	ng		89
4) n-Nitrosodimethylamine	3.90	42	91796	37.808	ng	#	88
6) Aniline	7.48	93	304887	39.902	ng		94
8) 2-Chlorophenol	7.72	128	191624	38.029	ng		92
9) Benzaldehyde	7.30	77	141944	45.735	ng		94
10) Phenol	7.35	94	251469	37.801	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	195533	40.343	ng		92
12) 1,3-Dichlorobenzene	8.05	146	215873	38.159	ng		97
13) 1,4-Dichlorobenzene	8.19	146	221539	38.356	ng		93
14) 1,2-Dichlorobenzene	8.52	146	212889	38.214	ng		97
15) Benzyl Alcohol	8.39	79	186632	42.919	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	268901m	32.669	ng		
17) 2-Methylphenol	8.61	107	174075	39.391	ng		96
18) Hexachloroethane	9.25	117	77118	39.180	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	177437	42.291	ng	#	96
20) 3+4-Methylphenols	8.93	107	250240	40.188	ng		93
22) Acetophenone	8.98	105	339323	38.281	ng	#	94
24) Nitrobenzene	9.37	77	233050	35.811	ng		92
25) Isophorone	9.89	82	438332	36.277	ng	#	93
26) 2-Nitrophenol	10.08	139	125993	40.508	ng		88
27) 2,4-Dimethylphenol	10.14	122	185912	33.037	ng		89
28) bis(2-Chloroethoxy)methane	10.37	93	287323	38.779	ng		96
29) 2,4-Dichlorophenol	10.62	162	226909	37.812	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	251323	38.766	ng		99
31) Naphthalene	11.03	128	677734	36.972	ng		98
32) Benzoic acid	10.27	122	161363	34.246	ng	#	81
33) 4-Chloroaniline	11.13	127	302958	39.290	ng		94
34) Hexachlorobutadiene	11.31	225	163965	40.677	ng		95
35) Caprolactam	11.91	113	77420	38.819	ng	#	81
36) 4-Chloro-3-methylphenol	12.24	107	229116	34.714	ng	#	88
37) 2-Methylnaphthalene	12.62	142	515855	38.612	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	336084	39.178	ng		99
40) Hexachlorocyclopentadiene	12.96	237	135490	43.925	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	201973	37.506	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	216092	39.074	ng		95
45) 1,1'-Biphenyl	13.62	154	748327	37.054	ng		97
46) 2-Chloronaphthalene	13.66	162	536944	36.451	ng		96
47) 2-Nitroaniline	13.86	65	153569	37.955	ng	#	83
48) Acenaphthylene	14.50	152	870135	37.743	ng		98
49) Dimethylphthalate	14.22	163	694551	37.887	ng		99
50) 2,6-Dinitrotoluene	14.35	165	151024	39.299	ng	#	77
51) Acenaphthene	14.85	154	539652	35.977	ng		99
52) 3-Nitroaniline	14.68	138	158213	38.153	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	57584	31.587	ng	#	53
54) Dibenzofuran	15.17	168	820181	38.302	ng		99
55) 4-Nitrophenol	14.99	139	116827	34.173	ng	#	76
56) 2,4-Dinitrotoluene	15.13	165	206317	39.659	ng	#	75
57) Fluorene	15.82	166	643362	36.369	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	184483	39.983	ng	#	94
59) Diethylphthalate	15.58	149	684780	37.482	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	375718	39.836	ng		95
61) 4-Nitroaniline	15.84	138	157589	37.009	ng		87
62) Azobenzene	16.10	77	575435	37.351	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	118626	40.995	ng		87
65) n-Nitrosodiphenylamine	16.02	169	607786	39.081	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	237642	39.891	ng		98
67) Hexachlorobenzene	16.83	284	251326	37.244	ng		96
68) Atrazine	16.96	200	226630	40.840	ng		98
69) Pentachlorophenol	17.17	266	155156	40.026	ng		97
70) Phenanthrene	17.56	178	993811	37.055	ng		97
71) Anthracene	17.65	178	1000311	37.144	ng		98
72) Carbazole	17.92	167	919413	35.539	ng		98
73) Di-n-butylphthalate	18.46	149	1107830	37.233	ng		99
74) Fluoranthene	19.56	202	1193135	38.035	ng		96
76) Benzidine	19.73	184	676062	41.629	ng		98
77) Pyrene	19.92	202	1213863	37.203	ng		97
79) Butylbenzylphthalate	20.79	149	524701	37.745	ng		89
80) Benzo(a)anthracene	21.77	228	1229950	38.947	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	509632	39.098	ng		97
82) Chrysene	21.84	228	1146974	37.925	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	729982	36.591	ng		99
84) Di-n-octyl phthalate	22.89	149	1249578	35.939	ng		96
85) Indeno(1,2,3-cd)pyrene	28.92	276	1464616	39.364	ng		98
87) Benzo(b)fluoranthene	24.05	252	1247301	39.412	ng		99
88) Benzo(k)fluoranthene	24.12	252	1207436	38.295	ng		98
89) Benzo(a)pyrene	24.95	252	1177340	38.697	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	1234623	40.082	ng		98
91) Benzo(g,h,i)perylene	30.10	276	1172954	40.985	ng		97

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

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