Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028944.D
Acq On : 27 Sep 2017 15:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 01:24:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38402	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	162443	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	121849	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	332904	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	389324	20.00	ng		-0.06
86) Perylene-d12	25.43	264	388451	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	183197	78.72	ng		-0.06
7) Phenol-d6	7.44	99	279562	79.78	ng		-0.05
23) Nitrobenzene-d5	9.45	82	275359	81.09	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	177243	87.95	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	725416	79.38	ng		-0.05
78) Terphenyl-d14	20.23	244	1453021	79.59	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	34268	36.360	ng		93
3) Pyridine	4.17	79	102071	37.966	ng		95
4) n-Nitrosodimethylamine	4.08	42	51517	42.125	ng		82
6) Aniline	7.61	93	166551	40.841	ng		97
8) 2-Chlorophenol	7.84	128	104865	40.419	ng		97
9) Benzaldehyde	7.42	77	87577	40.284	ng		89
10) Phenol	7.46	94	153518	41.513	ng		87
11) bis(2-Chloroethyl)ether	7.69	93	104094	39.207	ng		89
12) 1,3-Dichlorobenzene	8.17	146	115383	41.301	ng		92
13) 1,4-Dichlorobenzene	8.32	146	116130	40.426	ng		94
14) 1,2-Dichlorobenzene	8.64	146	114395	40.307	ng		96
15) Benzyl Alcohol	8.52	79	101484	37.100	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.79	45	194332	40.273	ng		99
17) 2-Methylphenol	8.72	107	96883	40.092	ng		95
18) Hexachloroethane	9.36	117	42342	40.215	ng	#	86
19) n-Nitroso-di-n-propylamine	9.08	70	100507	40.462	ng		92
20) 3+4-Methylphenols	9.05	107	138257	40.904	ng		93
22) Acetophenone	9.11	105	197497	41.581	ng	#	87
24) Nitrobenzene	9.49	77	153212	40.746	ng		95
25) Isophorone	10.01	82	276817	40.288	ng	#	97
26) 2-Nitrophenol	10.21	139	64638	40.390	ng	#	87
27) 2,4-Dimethylphenol	10.25	122	115767	39.575	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	149012	39.936	ng		98
29) 2,4-Dichlorophenol	10.75	162	118574	40.740	ng		95
30) 1,2,4-Trichlorobenzene	10.96	180	132257	39.833	ng		96
31) Naphthalene	11.15	128	347183	40.921	ng		99
32) Benzoic acid	10.43	122	79207	39.378	ng	#	87
33) 4-Chloroaniline	11.26	127	144886	40.765	ng		90
34) Hexachlorobutadiene	11.42	225	96063	39.280	ng		97
35) Caprolactam	12.05	113	45462	43.558	ng		97
36) 4-Chloro-3-methylphenol	12.37	107	160447	42.358	ng		98
37) 2-Methylnaphthalene	12.74	142	264806	41.805	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	200598	40.039	ng	#	97
40) Hexachlorocyclopentadiene	13.07	237	93185	50.931	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	127264	40.022	ng		92
43) 2,4,5-Trichlorophenol	13.42	196	128406	40.187	ng		96
45) 1,1'-Biphenyl	13.73	154	405212	40.165	ng		96
46) 2-Chloronaphthalene	13.78	162	293737	39.918	ng		98
47) 2-Nitroaniline	13.99	65	120043	43.895	ng		90
48) Acenaphthylene	14.62	152	480387	40.863	ng		99
49) Dimethylphthalate	14.34	163	429965	42.080	ng		99
50) 2,6-Dinitrotoluene	14.48	165	96263	42.340	ng		86
51) Acenaphthene	14.96	154	289043	40.474	ng		93
52) 3-Nitroaniline	14.81	138	88138	43.838	ng		97
53) 2,4-Dinitrophenol	15.02	184	41099	38.877	ng	#	86
54) Dibenzofuran	15.29	168	481093	42.244	ng		93
55) 4-Nitrophenol	15.12	139	59543	40.422	ng	#	78
56) 2,4-Dinitrotoluene	15.26	165	142217	44.487	ng	#	90
57) Fluorene	15.94	166	430185	42.311	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.52	232	120193	42.681	ng	#	93
59) Diethylphthalate	15.69	149	455777	43.406	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	240691	41.574	ng		90
61) 4-Nitroaniline	15.97	138	95421	44.798	ng		88
62) Azobenzene	16.22	77	379579	42.982	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	87552	40.758	ng		93
65) n-Nitrosodiphenylamine	16.14	169	380503	39.872	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	167003	38.987	ng		97
67) Hexachlorobenzene	16.96	284	189577	38.885	ng	#	88
68) Atrazine	17.08	200	161183	39.336	ng		98
69) Pentachlorophenol	17.30	266	88437	40.148	ng		96
70) Phenanthrene	17.69	178	686664	40.335	ng		95
71) Anthracene	17.78	178	691978	40.238	ng		98
72) Carbazole	18.05	167	645252	41.661	ng	#	93
73) Di-n-butylphthalate	18.58	149	778077	40.971	ng	#	95
74) Fluoranthene	19.69	202	868981	41.805	ng		93
76) Benzidine	19.86	184	567954	56.255	ng		96
77) Pyrene	20.06	202	890542	39.657	ng		96
79) Butylbenzylphthalate	20.92	149	358522	39.531	ng		90
80) Benzo(a)anthracene	21.95	228	923575	39.411	ng		95
81) 3,3'-Dichlorobenzidine	21.86	252	368686	38.804	ng		97
82) Chrysene	22.02	228	892608	40.143	ng		96
83) Bis(2-ethylhexyl)phthalate	21.81	149	518625	40.223	ng		99
84) Di-n-octyl phthalate	23.09	149	898761	39.896	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.41	276	1145023	40.078	ng	#	99
87) Benzo(b)fluoranthene	24.33	252	957997	41.164	ng		99
88) Benzo(k)fluoranthene	24.40	252	962301	41.395	ng		96
89) Benzo(a)pyrene	25.27	252	909083	41.153	ng		97
90) Dibenzo(a,h)anthracene	29.46	278	936155	40.648	ng		99
91) Benzo(g,h,i)perylene	30.66	276	912543	40.608	ng		99

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

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