Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036949.D
Acq On : 25 Sep 2018 15:05
Operator : JU/SJ
Sample : PB113177BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113177BS

Quant Time: Sep 25 15:44:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42207	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	184749	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	119776	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	303377	20.00	ng		0.00
75) Chrysene-d12	21.68	240	290233	20.00	ng		0.00
86) Perylene-d12	24.89	264	292591	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	290012	131.77	ng		0.00
7) Phenol-d6	7.21	99	399093	117.21	ng		0.00
23) Nitrobenzene-d5	9.20	82	244996	71.01	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	167651	116.99	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	564660	70.21	ng		-0.01
78) Terphenyl-d14	20.02	244	914869	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40062	39.781	ng		98
3) Pyridine	3.92	79	114199	39.273	ng		95
4) n-Nitrosodimethylamine	3.83	42	61080	47.261	ng	#	91
6) Aniline	7.37	93	147339	33.348	ng		97
8) 2-Chlorophenol	7.61	128	118659	46.434	ng		93
9) Benzaldehyde	7.18	77	61844	27.486	ng		97
10) Phenol	7.23	94	161806	46.044	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	113741	34.990	ng		97
12) 1,3-Dichlorobenzene	7.93	146	125590	40.087	ng		98
13) 1,4-Dichlorobenzene	8.08	146	125316	39.087	ng		98
14) 1,2-Dichlorobenzene	8.39	146	118518	38.146	ng		96
15) Benzyl Alcohol	8.28	79	118426	42.863	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	243517	39.020	ng		99
17) 2-Methylphenol	8.48	107	110630	45.194	ng		97
18) Hexachloroethane	9.12	117	48358	40.987	ng	#	87
19) n-Nitroso-di-n-propylamine	8.84	70	103502	36.539	ng		96
20) 3+4-Methylphenols	8.81	107	153246	45.001	ng		99
22) Acetophenone	8.86	105	179003	41.230	ng	#	96
24) Nitrobenzene	9.25	77	153255	41.598	ng		97
25) Isophorone	9.76	82	283601	44.989	ng		98
26) 2-Nitrophenol	9.96	139	68816	46.861	ng		97
27) 2,4-Dimethylphenol	10.02	122	117734	51.468	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	160338	41.220	ng		96
29) 2,4-Dichlorophenol	10.49	162	126483	47.698	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	128636	38.763	ng		96
31) Naphthalene	10.90	128	367955	41.858	ng		98
32) Benzoic acid	10.14	122	79568	45.715	ng		95
33) 4-Chloroaniline	11.00	127	103083	25.791	ng		99
34) Hexachlorobutadiene	11.18	225	85428	37.225	ng		98
35) Caprolactam	11.78	113	35858	32.854	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	147121	46.497	ng		99
37) 2-Methylnaphthalene	12.50	142	286644	42.815	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	159797	38.251	ng		98
40) Hexachlorocyclopentadiene	12.84	237	208539	97.061	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	109037	47.002 ng		95
43) 2,4,5-Trichlorophenol	13.18	196	121988	49.315 ng		99
45) 1,1'-Biphenyl	13.51	154	370659	40.407 ng		97
46) 2-Chloronaphthalene	13.55	162	282201	39.119 ng		98
47) 2-Nitroaniline	13.75	65	112811	45.212 ng		96
48) Acenaphthylene	14.39	152	488090	43.178 ng		99
49) Dimethylphthalate	14.12	163	397330	41.212 ng		98
50) 2,6-Dinitrotoluene	14.24	165	88469	42.057 ng		97
51) Acenaphthene	14.73	154	280959	41.124 ng		99
52) 3-Nitroaniline	14.57	138	69671	31.431 ng		99
53) 2,4-Dinitrophenol	14.78	184	99593	99.015 ng		94
54) Dibenzofuran	15.07	168	464241	40.173 ng		98
55) 4-Nitrophenol	14.89	139	144182	101.820 ng		93
56) 2,4-Dinitrotoluene	15.03	165	125635	42.802 ng	#	94
57) Fluorene	15.71	166	376703	43.613 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	120498	48.019 ng		97
59) Diethylphthalate	15.49	149	398813	41.013 ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	209892	38.371 ng		99
61) 4-Nitroaniline	15.74	138	97071	41.633 ng		95
62) Azobenzene	16.00	77	392382	41.995 ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	74845	47.188 ng		99
65) n-Nitrosodiphenylamine	15.92	169	343488	41.012 ng		99
66) 4-Bromophenyl-phenylether	16.60	248	137644	39.888 ng		98
67) Hexachlorobenzene	16.72	284	135669	38.173 ng		97
68) Atrazine	16.87	200	139305	41.078 ng		99
69) Pentachlorophenol	17.07	266	174053	77.785 ng		98
70) Phenanthrene	17.46	178	625273	42.770 ng		98
71) Anthracene	17.55	178	638825	44.191 ng		99
72) Carbazole	17.82	167	566956	40.225 ng		99
73) Di-n-butylphthalate	18.37	149	661924	42.288 ng		99
74) Fluoranthene	19.46	202	738217	41.949 ng		99
76) Benzidine	19.65	184	379295	43.231 ng		98
77) Pyrene	19.83	202	721252	41.412 ng		99
79) Butylbenzylphthalate	20.70	149	298961	43.065 ng		99
80) Benzo(a)anthracene	21.66	228	712563	42.058 ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	186568	28.930 ng		100
82) Chrysene	21.73	228	664227	40.577 ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	401745	41.426 ng		99
84) Di-n-octyl phthalate	22.77	149	695561	43.562 ng		100
85) Indeno(1,2,3-cd)pyrene	28.54	276	787137	44.779 ng	#	94
87) Benzo(b)fluoranthene	23.87	252	680894	43.667 ng		98
88) Benzo(k)fluoranthene	23.94	252	664276	42.463 ng		98
89) Benzo(a)pyrene	24.74	252	654287	43.403 ng		99
90) Dibenzo(a,h)anthracene	28.59	278	646112	45.732 ng		99
91) Benzo(g,h,i)perylene	29.67	276	652810	46.040 ng		97

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

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