Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037385.D
Acq On : 17 Oct 2018 10:50
Operator : JU/SJ
Sample : PB113906BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113906BS

Quant Time: Oct 17 12:05:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59227	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	282199	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	190698	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	468661	20.00	ng		-0.02
76) Chrysene-d12	21.78	240	429229	20.00	ng		-0.02
87) Perylene-d12	25.12	264	441376	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	539128	160.20	ng		0.00
7) Phenol-d6	7.25	99	757407	148.28	ng		0.00
23) Nitrobenzene-d5	9.29	82	422689	98.48	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	280075	149.76	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	1038613	81.79	ng		-0.01
79) Terphenyl-d14	20.09	244	1595849	78.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	54178	28.664	ng		97
3) Pyridine	3.93	79	152193	33.914	ng		95
4) n-Nitrosodimethylamine	3.85	42	71809	41.205	ng	#	90
6) Aniline	7.44	93	239204	35.773	ng		98
8) 2-Chlorophenol	7.67	128	193800	49.204	ng		96
9) Benzaldehyde	7.25	77	59166	16.824	ng		97
10) Phenol	7.28	94	262536	48.800	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	177162	40.309	ng		96
12) 1,3-Dichlorobenzene	7.99	146	180043	38.884	ng		98
13) 1,4-Dichlorobenzene	8.15	146	186124	39.703	ng		99
14) 1,2-Dichlorobenzene	8.46	146	179947	39.613	ng		98
15) Benzyl Alcohol	8.35	79	178933	44.783	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	321162	36.963	ng		97
17) 2-Methylphenol	8.54	107	177872	49.367	ng		97
18) Hexachloroethane	9.20	117	65496	40.935	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	147899	38.243	ng		97
20) 3+4-Methylphenols	8.87	107	246457	48.920	ng		99
22) Acetophenone	8.94	105	280026	39.364	ng		98
24) Nitrobenzene	9.33	77	212996	46.329	ng		95
25) Isophorone	9.85	82	435080	44.401	ng		96
26) 2-Nitrophenol	10.05	139	101600	56.465	ng		93
27) 2,4-Dimethylphenol	10.09	122	213139	52.040	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	259972	42.406	ng		97
29) 2,4-Dichlorophenol	10.57	162	210802	50.703	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	200011	39.534	ng		93
31) Naphthalene	10.99	128	590004	43.020	ng		100
32) Benzoic acid	10.20	122	102499	45.323	ng		99
33) 4-Chloroaniline	11.09	127	176588	27.448	ng		97
34) Hexachlorobutadiene	11.25	225	114809	36.543	ng		97
35) Caprolactam	11.88	113	80328	47.393	ng		96
36) 4-Chloro-3-methylphenol	12.20	107	234596	47.778	ng		98
37) 2-Methylnaphthalene	12.58	142	455594	45.520	ng		99
38) 1-Methylnaphthalene	12.80	142	433034	44.299	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	227962	36.913	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	280456	110.160	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	180257	50.315	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	195308	50.669	ng		96
46) 1,1'-Biphenyl	13.58	154	591943	37.734	ng		100
47) 2-Chloronaphthalene	13.63	162	467528	39.456	ng		98
48) 2-Nitroaniline	13.83	65	153076	47.719	ng		96
49) Acenaphthylene	14.48	152	782262	43.156	ng		100
50) Dimethylphthalate	14.20	163	626395	41.797	ng		100
51) 2,6-Dinitrotoluene	14.32	165	138705	47.683	ng		96
52) Acenaphthene	14.81	154	454740	40.615	ng		98
53) 3-Nitroaniline	14.66	138	118548	37.808	ng	#	95
54) 2,4-Dinitrophenol	14.86	184	47576	63.443	ng		93
55) Dibenzofuran	15.15	168	735867	40.504	ng		99
56) 4-Nitrophenol	14.95	139	231809	94.842	ng		96
57) 2,4-Dinitrotoluene	15.10	165	191837	51.616	ng	#	98
58) Fluorene	15.79	166	598051	43.526	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	171445	50.237	ng		98
60) Diethylphthalate	15.55	149	639671	41.186	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	312994	38.971	ng		98
62) 4-Nitroaniline	15.82	138	155202	47.158	ng		92
63) Azobenzene	16.07	77	594816	39.945	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	63044	43.599	ng		97
66) n-Nitrosodiphenylamine	16.00	169	549333	39.913	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	198293	39.204	ng		99
68) Hexachlorobenzene	16.78	284	201794	38.479	ng		99
69) Atrazine	16.94	200	213594	41.755	ng		99
70) Pentachlorophenol	17.13	266	228045	67.399	ng		97
71) Phenanthrene	17.54	178	987538	41.395	ng		98
72) Anthracene	17.62	178	1012282	43.351	ng		97
73) Carbazole	17.89	167	931926	38.735	ng		98
74) Di-n-butylphthalate	18.44	149	1088217	42.200	ng		100
75) Fluoranthene	19.54	202	1180078	42.322	ng		98
77) Benzidine	19.72	184	558217	33.995	ng		98
78) Pyrene	19.90	202	1161133	41.507	ng		98
80) Butylbenzylphthalate	20.77	149	500925	46.024	ng		100
81) Benzo(a)anthracene	21.76	228	1088124	42.328	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	299438	30.196	ng		98
83) Chrysene	21.83	228	1026402	41.856	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	696261	44.549	ng		98
85) Di-n-octyl phthalate	22.89	149	1169051	46.085	ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1180022	43.414	ng		98
88) Benzo(b)fluoranthene	24.05	252	1065929	44.420	ng		97
89) Benzo(k)fluoranthene	24.12	252	1021357	43.133	ng		97
90) Benzo(a)pyrene	24.96	252	1052346	45.733	ng		99
91) Dibenzo(a,h)anthracene	29.03	278	962171	43.702	ng		97
92) Benzo(g,h,i)perylene	30.17	276	977112	44.436	ng		99

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

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