Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036982.D
Acq On : 26 Sep 2018 15:18
Operator : JU/SJ
Sample : PB113205BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113205BS

Quant Time: Sep 26 18:56:41 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	8.05	152	46131	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	197797	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	122172	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	293995	20.00	ng		0.00
75) Chrysene-d12	21.68	240	303026	20.00	ng		0.00
86) Perylene-d12	24.89	264	306721	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	311588	129.54	ng		0.00
7) Phenol-d6	7.21	99	429032	115.28	ng		0.00
23) Nitrobenzene-d5	9.20	82	267287	72.36	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	160357	109.70	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	596621	72.73	ng		0.00
78) Terphenyl-d14	20.02	244	935301	81.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50848	46.197	ng		99
3) Pyridine	3.92	79	131879	41.496	ng		96
4) n-Nitrosodimethylamine	3.84	42	69568	49.250	ng	#	91
6) Aniline	7.37	93	152437	31.567	ng		99
8) 2-Chlorophenol	7.61	128	128241	45.915	ng		96
9) Benzaldehyde	7.18	77	64115	26.072	ng		97
10) Phenol	7.24	94	168260	43.807	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	130793	36.813	ng		99
12) 1,3-Dichlorobenzene	7.93	146	136066	39.737	ng		97
13) 1,4-Dichlorobenzene	8.08	146	136949	39.082	ng		97
14) 1,2-Dichlorobenzene	8.39	146	132779	39.101	ng		96
15) Benzyl Alcohol	8.28	79	116991	38.742	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	267632	39.236	ng		97
17) 2-Methylphenol	8.48	107	111028	41.499	ng		96
18) Hexachloroethane	9.12	117	52577	40.772	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	109072	35.230	ng		98
20) 3+4-Methylphenols	8.81	107	152929	41.088	ng		97
22) Acetophenone	8.86	105	197841	42.563	ng		95
24) Nitrobenzene	9.25	77	159818	40.517	ng		98
25) Isophorone	9.77	82	299669	44.402	ng		99
26) 2-Nitrophenol	9.96	139	69467	44.184	ng		97
27) 2,4-Dimethylphenol	10.02	122	119787	48.911	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	172761	41.484	ng		97
29) 2,4-Dichlorophenol	10.49	162	128264	45.179	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	137491	38.698	ng		95
31) Naphthalene	10.90	128	395146	41.986	ng		98
32) Benzoic acid	10.16	122	50675	29.551	ng		94
33) 4-Chloroaniline	11.01	127	103158	24.108	ng		98
34) Hexachlorobutadiene	11.18	225	96584	39.310	ng		97
35) Caprolactam	11.78	113	43830	37.509	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	139189	41.089	ng		99
37) 2-Methylnaphthalene	12.50	142	300540	41.929	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	172953	40.588	ng		99
40) Hexachlorocyclopentadiene	12.84	237	214846	98.035	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	104882	44.325	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	116024	45.984	ng		98
45) 1,1'-Biphenyl	13.51	154	384121	41.053	ng		96
46) 2-Chloronaphthalene	13.55	162	294453	40.017	ng		98
47) 2-Nitroaniline	13.75	65	107829	42.368	ng		97
48) Acenaphthylene	14.39	152	492021	42.672	ng		99
49) Dimethylphthalate	14.12	163	386902	39.343	ng		99
50) 2,6-Dinitrotoluene	14.24	165	85012	39.621	ng		99
51) Acenaphthene	14.73	154	280612	40.268	ng		99
52) 3-Nitroaniline	14.57	138	65021	28.758	ng	#	98
53) 2,4-Dinitrophenol	14.78	184	60624	62.174	ng	#	91
54) Dibenzofuran	15.07	168	465651	39.504	ng		100
55) 4-Nitrophenol	14.89	139	123697	85.640	ng		94
56) 2,4-Dinitrotoluene	15.03	165	120225	40.156	ng		96
57) Fluorene	15.71	166	367295	41.690	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	115918	45.288	ng		97
59) Diethylphthalate	15.48	149	380777	38.390	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	207877	37.257	ng		99
61) 4-Nitroaniline	15.74	138	88704	37.299	ng		94
62) Azobenzene	16.00	77	388440	40.758	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	60046	39.066	ng		97
65) n-Nitrosodiphenylamine	15.92	169	336290	41.434	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	135453	40.506	ng		98
67) Hexachlorobenzene	16.72	284	132944	38.600	ng		97
68) Atrazine	16.87	200	132266	40.247	ng		98
69) Pentachlorophenol	17.07	266	148325	68.402	ng		97
70) Phenanthrene	17.46	178	602360	42.517	ng		99
71) Anthracene	17.55	178	619126	44.195	ng		99
72) Carbazole	17.82	167	545430	39.933	ng		97
73) Di-n-butylphthalate	18.37	149	628480	41.433	ng		99
74) Fluoranthene	19.46	202	741006	43.451	ng		100
76) Benzidine	19.65	184	328862	35.900	ng		99
77) Pyrene	19.82	202	734801	40.409	ng		99
79) Butylbenzylphthalate	20.71	149	297334	41.023	ng		97
80) Benzo(a)anthracene	21.66	228	740954	41.888	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	196708	29.215	ng		99
82) Chrysene	21.73	228	696704	40.764	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	415021	40.988	ng		99
84) Di-n-octyl phthalate	22.77	149	699831	41.979	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	811891	44.237	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	721570	44.144	ng		97
88) Benzo(k)fluoranthene	23.94	252	701734	42.791	ng		100
89) Benzo(a)pyrene	24.74	252	695743	44.026	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	659617	44.537	ng		99
91) Benzo(g,h,i)perylene	29.67	276	673463	45.308	ng		99

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

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