Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036988.D
Acq On : 26 Sep 2018 19:11
Operator : JU/SJ
Sample : J4773-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMS

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:36 PM

Quant Time: Sep 27 08:35:42 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	49814	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	198569	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	122538	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	295470	20.00	ng		0.00
75) Chrysene-d12	21.68	240	302785	20.00	ng		0.00
86) Perylene-d12	24.89	264	319247	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	326555	125.72	ng		0.00
7) Phenol-d6	7.21	99	401931	100.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	336999	90.88	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	190178	129.72	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	703922	85.56	ng		0.00
78) Terphenyl-d14	20.02	244	1113930	96.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	55339	46.560	ng	#	77
3) Pyridine	3.94	79	144459	42.093	ng		96
4) n-Nitrosodimethylamine	3.85	42	90564	59.374	ng	#	89
6) Aniline	7.37	93	176327	33.814	ng		97
8) 2-Chlorophenol	7.61	128	155204	51.460	ng		93
9) Benzaldehyde	7.18	77	92098	34.682	ng		95
10) Phenol	7.24	94	174221	42.006	ng		91
11) bis(2-Chloroethyl)ether	7.47	93	168453	43.908	ng		96
12) 1,3-Dichlorobenzene	7.94	146	160579	43.428	ng		97
13) 1,4-Dichlorobenzene	8.08	146	160849	42.508	ng		97
14) 1,2-Dichlorobenzene	8.40	146	155518	42.411	ng		98
15) Benzyl Alcohol	8.28	79	153134	46.961	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	354272	48.098	ng		99
17) 2-Methylphenol	8.49	107	133696	46.277	ng		98
18) Hexachloroethane	9.12	117	62236	44.694	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	145635	43.562	ng		97
20) 3+4-Methylphenols	8.81	107	185037	46.039	ng		98
22) Acetophenone	8.87	105	257287	55.137	ng	#	93
24) Nitrobenzene	9.25	77	215756	54.486	ng		99
25) Isophorone	9.77	82	402090	59.346	ng		99
26) 2-Nitrophenol	9.96	139	89061	56.426	ng		93
27) 2,4-Dimethylphenol	10.02	122	151108	61.460	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	229811	54.969	ng		100
29) 2,4-Dichlorophenol	10.50	162	165402	58.033	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	172382	48.330	ng		98
31) Naphthalene	10.90	128	504447	53.392	ng		99
32) Benzoic acid	10.14	122	20950m	15.592	ng		
33) 4-Chloroaniline	11.01	127	52527	12.228	ng		96
34) Hexachlorobutadiene	11.18	225	119106	48.288	ng		98
35) Caprolactam	11.79	113	39113m	33.343	ng		
36) 4-Chloro-3-methylphenol	12.12	107	183562	53.977	ng		97
37) 2-Methylnaphthalene	12.50	142	387910	53.908	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	223406	52.272	ng		98
40) Hexachlorocyclopentadiene	12.84	237	247203	112.463	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	138028	58.158	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	149052	58.898	ng		98
45) 1,1'-Biphenyl	13.51	154	504454	53.753	ng		97
46) 2-Chloronaphthalene	13.55	162	380680	51.581	ng		99
47) 2-Nitroaniline	13.75	65	146546	57.408	ng		96
48) Acenaphthylene	14.39	152	645925	55.852	ng		100
49) Dimethylphthalate	14.12	163	505478	51.247	ng		99
50) 2,6-Dinitrotoluene	14.25	165	112269	52.169	ng		96
51) Acenaphthene	14.73	154	371595	53.164	ng		98
52) 3-Nitroaniline	14.58	138	65880	29.051	ng	#	99
53) 2,4-Dinitrophenol	14.79	184	32155	36.483	ng		88
54) Dibenzofuran	15.07	168	609010	51.512	ng		99
55) 4-Nitrophenol	14.89	139	128240	88.520	ng		95
56) 2,4-Dinitrotoluene	15.03	165	158433	52.760	ng		94
57) Fluorene	15.71	166	487820	55.204	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	146400	57.026	ng		98
59) Diethylphthalate	15.49	149	505659	50.829	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	273211	48.821	ng		99
61) 4-Nitroaniline	15.74	138	116977	49.040	ng		95
62) Azobenzene	16.00	77	531102	55.561	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	49755	32.209	ng		96
65) n-Nitrosodiphenylamine	15.93	169	435721	53.416	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	176462	52.506	ng		97
67) Hexachlorobenzene	16.72	284	177177	51.187	ng		99
68) Atrazine	16.87	200	177416	53.716	ng		98
69) Pentachlorophenol	17.07	266	149738	68.709	ng		98
70) Phenanthrene	17.46	178	789889	55.475	ng		98
71) Anthracene	17.55	178	811451	57.635	ng		100
72) Carbazole	17.82	167	714096	52.020	ng		99
73) Di-n-butylphthalate	18.37	149	827940	54.310	ng		99
74) Fluoranthene	19.46	202	964892	56.297	ng		100
76) Benzidine	19.65	184	267008	29.171	ng		98
77) Pyrene	19.83	202	954359	52.525	ng		99
79) Butylbenzylphthalate	20.71	149	401642	55.458	ng		96
80) Benzo(a)anthracene	21.67	228	967455	54.736	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	221798	32.968	ng		99
82) Chrysene	21.73	228	908087	53.174	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	549317	54.295	ng		99
84) Di-n-octyl phthalate	22.77	149	922161	55.359	ng		100
85) Indeno(1,2,3-cd)pyrene	28.54	276	1097553	59.849	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	959633	56.404	ng		97
88) Benzo(k)fluoranthene	23.94	252	930552	54.517	ng		99
89) Benzo(a)pyrene	24.74	252	934057	56.788	ng		100
90) Dibenzo(a,h)anthracene	28.61	278	887718	57.586	ng		97
91) Benzo(g,h,i)perylene	29.68	276	906764	58.610	ng		98

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

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