Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037029.D
Acq On : 28 Sep 2018 00:26
Operator : JU/SJ
Sample : J5097-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
Sohil
9/28/2018 4:24:36 PM

Quant Time: Sep 28 04:46:12 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	41958	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	173284	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	106674	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	276804	20.00	ng		0.00
75) Chrysene-d12	21.68	240	291294	20.00	ng		-0.01
86) Perylene-d12	24.88	264	299849	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	281079	128.47	ng		0.00
7) Phenol-d6	7.20	99	353903	104.55	ng		-0.01
23) Nitrobenzene-d5	9.21	82	280629	86.72	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	168134	131.74	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	589187	82.26	ng		-0.01
78) Terphenyl-d14	20.02	244	1039760	93.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	43277	43.229	ng	#	87
3) Pyridine	3.94	79	103250	35.719	ng		95
4) n-Nitrosodimethylamine	3.84	42	64039	49.845	ng	#	97
6) Aniline	7.37	93	99297	22.608	ng		97
8) 2-Chlorophenol	7.61	128	117765	46.358	ng		94
9) Benzaldehyde	7.18	77	77454	34.628	ng		94
10) Phenol	7.23	94	138804	39.733	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	128446	39.748	ng		96
12) 1,3-Dichlorobenzene	7.93	146	127249	40.858	ng		98
13) 1,4-Dichlorobenzene	8.08	146	134756	42.281	ng		98
14) 1,2-Dichlorobenzene	8.39	146	124217	40.218	ng		97
15) Benzyl Alcohol	8.28	79	108574	39.530	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	257327	41.478	ng		98
17) 2-Methylphenol	8.48	107	104287	42.856	ng		98
18) Hexachloroethane	9.12	117	51219	43.670	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	107654	38.231	ng		95
20) 3+4-Methylphenols	8.81	107	139887	41.322	ng		99
22) Acetophenone	8.86	105	187020	45.927	ng	#	97
24) Nitrobenzene	9.25	77	157581	45.602	ng		97
25) Isophorone	9.76	82	301336	50.965	ng		100
26) 2-Nitrophenol	9.96	139	66300	48.135	ng		97
27) 2,4-Dimethylphenol	10.01	122	110284	51.401	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	164806	45.172	ng		96
29) 2,4-Dichlorophenol	10.49	162	120149	48.307	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	132438	42.549	ng		99
31) Naphthalene	10.89	128	385731	46.784	ng		100
32) Benzoic acid	10.14	122	34401m	24.209	ng		
33) 4-Chloroaniline	11.02	127	18454	4.923	ng		94
34) Hexachlorobutadiene	11.17	225	91138	42.341	ng		96
35) Caprolactam	11.78	113	34336m	33.541	ng		
36) 4-Chloro-3-methylphenol	12.13	107	141729	47.757	ng		98
37) 2-Methylnaphthalene	12.50	142	290724	46.297	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	159977	42.998	ng		98
40) Hexachlorocyclopentadiene	12.84	237	184470	96.404	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	102394	49.560	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	112667	51.141	ng		99
45) 1,1'-Biphenyl	13.50	154	378541	46.335	ng		98
46) 2-Chloronaphthalene	13.55	162	286828	44.644	ng		99
47) 2-Nitroaniline	13.75	65	113551	51.098	ng		95
48) Acenaphthylene	14.39	152	489740	48.645	ng		99
49) Dimethylphthalate	14.12	163	397126	46.250	ng		99
50) 2,6-Dinitrotoluene	14.24	165	88819	47.410	ng		97
51) Acenaphthene	14.73	154	279582	45.948	ng		98
52) 3-Nitroaniline	14.58	138	39412	19.964	ng		96
53) 2,4-Dinitrophenol	14.78	184	52785	62.021	ng		92
54) Dibenzofuran	15.06	168	467162	45.390	ng		99
55) 4-Nitrophenol	14.88	139	123068	97.583	ng		97
56) 2,4-Dinitrotoluene	15.03	165	125993	48.196	ng		98
57) Fluorene	15.72	166	381325	49.570	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	113468	50.772	ng		98
59) Diethylphthalate	15.48	149	406217	46.905	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	208610	42.821	ng		99
61) 4-Nitroaniline	15.74	138	95653	46.064	ng		97
62) Azobenzene	16.00	77	406157	48.809	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	57097	39.454	ng		91
65) n-Nitrosodiphenylamine	15.92	169	345523	45.215	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	134693	42.780	ng		96
67) Hexachlorobenzene	16.72	284	136775	42.179	ng		97
68) Atrazine	16.87	200	147765	47.755	ng		99
69) Pentachlorophenol	17.06	266	145291	71.164	ng		96
70) Phenanthrene	17.45	178	647193	48.519	ng		99
71) Anthracene	17.54	178	665031	50.420	ng		100
72) Carbazole	17.82	167	593432	46.145	ng		98
73) Di-n-butylphthalate	18.37	149	697498	48.839	ng		99
74) Fluoranthene	19.46	202	798713	49.744	ng		98
76) Benzidine	19.65	184	133907	15.207	ng		97
77) Pyrene	19.82	202	792902	45.360	ng		99
79) Butylbenzylphthalate	20.70	149	335474	48.149	ng		98
80) Benzo(a)anthracene	21.66	228	801137	47.114	ng		100
81) 3,3'-Dichlorobenzidine	21.57	252	142904	22.079	ng		97
82) Chrysene	21.73	228	750772	45.697	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	463257	47.595	ng		98
84) Di-n-octyl phthalate	22.77	149	783537	48.893	ng		99
85) Indeno(1,2,3-cd)pyrene	28.53	276	878091	49.771	ng	#	94
87) Benzo(b)fluoranthene	23.86	252	773595	48.411	ng		97
88) Benzo(k)fluoranthene	23.94	252	761566	47.503	ng		99
89) Benzo(a)pyrene	24.73	252	750875	48.604	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	711874	49.167	ng		99
91) Benzo(g,h,i)perylene	29.67	276	728574	50.139	ng		99

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

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