Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037668.D
Acq On : 31 Oct 2018 1:08
Operator : JU/SJ
Sample : J5194-08MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:20 AM

Quant Time: Oct 31 09:16:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55846	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	243509	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	162560	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	389060	20.00	ng		0.00
76) Chrysene-d12	21.77	240	339859	20.00	ng		0.00
87) Perylene-d12	25.10	264	354837	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	440771	131.95	ng		0.00
7) Phenol-d6	7.25	99	589135	116.64	ng		0.00
23) Nitrobenzene-d5	9.28	82	398731	91.73	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	242925	137.01	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	934952	86.73	ng		0.00
79) Terphenyl-d14	20.08	244	1382827	86.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	52552	31.023	ng	#	89
3) Pyridine	3.94	79	167462	39.222	ng		89
4) n-Nitrosodimethylamine	3.85	42	77066	50.676	ng	#	95
6) Aniline	7.43	93	132764	21.546	ng		98
8) 2-Chlorophenol	7.66	128	191455	48.994	ng		99
9) Benzaldehyde	7.24	77	76546	24.226	ng		96
10) Phenol	7.28	94	228677	42.909	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	180619	44.623	ng		97
12) 1,3-Dichlorobenzene	7.99	146	189570	43.576	ng		97
13) 1,4-Dichlorobenzene	8.14	146	192841	43.335	ng		98
14) 1,2-Dichlorobenzene	8.46	146	185951	43.440	ng		99
15) Benzyl Alcohol	8.34	79	174978	46.883	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	330180	45.589	ng		98
17) 2-Methylphenol	8.53	107	171007	48.535	ng		97
18) Hexachloroethane	9.18	117	70373	46.387	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	152501	43.845	ng		96
20) 3+4-Methylphenols	8.86	107	239801	47.604	ng		99
22) Acetophenone	8.93	105	289636	47.426	ng	#	95
24) Nitrobenzene	9.32	77	222852	49.350	ng		98
25) Isophorone	9.83	82	441197	55.549	ng		98
26) 2-Nitrophenol	10.03	139	109837	53.992	ng		99
27) 2,4-Dimethylphenol	10.07	122	209936	57.798	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	265226	50.968	ng		97
29) 2,4-Dichlorophenol	10.56	162	210194	51.975	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	201400	45.794	ng		98
31) Naphthalene	10.97	128	609440	50.954	ng		100
32) Benzoic acid	10.19	122	70799	30.010	ng		95
33) 4-Chloroaniline	11.09	127	28083	4.997	ng		94
34) Hexachlorobutadiene	11.23	225	114323	43.860	ng		97
35) Caprolactam	11.87	113	61278m	37.780	ng		
36) 4-Chloro-3-methylphenol	12.19	107	235101	51.547	ng		98
37) 2-Methylnaphthalene	12.57	142	460118	52.773	ng		100
38) 1-Methylnaphthalene	12.79	142	440541	52.029	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	232715	44.382	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	235751	94.125	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	180471	51.518	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	192918	50.581	ng		95
46) 1,1'-Biphenyl	13.57	154	596623	44.317	ng		98
47) 2-Chloronaphthalene	13.62	162	471026	46.246	ng		99
48) 2-Nitroaniline	13.82	65	162283	52.542	ng		97
49) Acenaphthylene	14.46	152	784306	51.191	ng		99
50) Dimethylphthalate	14.19	163	623680	49.593	ng		99
51) 2,6-Dinitrotoluene	14.32	165	141613	50.902	ng		91
52) Acenaphthene	14.80	154	455785	48.303	ng		99
53) 3-Nitroaniline	14.65	138	84252	27.280	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	38466	44.719	ng		97
55) Dibenzofuran	15.13	168	743944	47.586	ng		100
56) 4-Nitrophenol	14.94	139	277259	121.282	ng		99
57) 2,4-Dinitrotoluene	15.10	165	199436	54.611	ng		97
58) Fluorene	15.78	166	603278	51.530	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166048	50.848	ng		99
60) Diethylphthalate	15.54	149	642476	49.761	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	313359	45.922	ng		99
62) 4-Nitroaniline	15.81	138	149438	48.694	ng		91
63) Azobenzene	16.06	77	604577	49.078	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	51104	29.102	ng		97
66) n-Nitrosodiphenylamine	15.98	169	556629	47.563	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	199801	46.764	ng		98
68) Hexachlorobenzene	16.77	284	200577	45.297	ng		99
69) Atrazine	16.93	200	204894	48.424	ng		98
70) Pentachlorophenol	17.12	266	163778	55.217	ng		96
71) Phenanthrene	17.52	178	991280	50.132	ng		98
72) Anthracene	17.62	178	1000046	51.536	ng		97
73) Carbazole	17.89	167	910592	46.912	ng		99
74) Di-n-butylphthalate	18.42	149	1086051	50.298	ng		99
75) Fluoranthene	19.53	202	1134566	50.590	ng		98
77) Benzidine	19.71	184	138255	11.964	ng		99
78) Pyrene	19.89	202	1126859	50.720	ng		98
80) Butylbenzylphthalate	20.76	149	491472	54.052	ng		99
81) Benzo(a)anthracene	21.75	228	1067119	53.084	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	191090	24.525	ng		98
83) Chrysene	21.81	228	983051	50.857	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	698752	54.825	ng		100
85) Di-n-octyl phthalate	22.87	149	1166595	56.132	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1030201	49.690	ng		99
88) Benzo(b)fluoranthene	24.03	252	1057602	54.366	ng		99
89) Benzo(k)fluoranthene	24.10	252	1011637	53.079	ng		98
90) Benzo(a)pyrene	24.95	252	1014392	54.876	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	860516	50.466	ng		97
92) Benzo(g,h,i)perylene	30.12	276	855585	49.597	ng		99

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

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