Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033782.D
Acq On : 12 Apr 2018 21:11
Operator : SJ/JU
Sample : J2307-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-PH3-ARE-01MSD

Manual Integrations APPROVED
Sohil
4/13/2018 4:45:40 PM

Quant Time: Apr 13 04:25:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	63597	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	272443	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	207256	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	535239	20.00	ng		0.00
75) Chrysene-d12	22.55	240	558221	20.00	ng		0.00
86) Perylene-d12	26.31	264	579092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	263931	77.82	ng		0.00
7) Phenol-d6	7.97	99	373312	64.06	ng		0.00
23) Nitrobenzene-d5	10.06	82	282665	47.67	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	210423	67.88	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	661308	46.06	ng		0.00
78) Terphenyl-d14	20.73	244	1270335	48.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	31571	18.330	ng	#	89
3) Pyridine	4.39	79	78419	16.470	ng		97
4) n-Nitrosodimethylamine	4.29	42	43287	22.154	ng	#	69
6) Aniline	8.15	93	36627	5.345	ng	#	89
8) 2-Chlorophenol	8.41	128	92561	23.872	ng		96
9) Benzaldehyde	7.96	77	22335	6.031	ng		83
10) Phenol	7.99	94	129065	22.432	ng		89
11) bis(2-Chloroethyl)ether	8.24	93	102814	21.893	ng		97
12) 1,3-Dichlorobenzene	8.74	146	108708	21.445	ng		97
13) 1,4-Dichlorobenzene	8.89	146	103386	20.365	ng		96
14) 1,2-Dichlorobenzene	9.22	146	108813	21.961	ng		93
15) Benzyl Alcohol	9.09	79	106945	23.309	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.37	45	185635	24.247	ng		90
17) 2-Methylphenol	9.29	107	87260m	22.263	ng		
18) Hexachloroethane	9.97	117	43517	22.209	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	96994	22.714	ng	#	89
20) 3+4-Methylphenols	9.63	107	120363	21.568	ng		86
22) Acetophenone	9.70	105	172422	23.100	ng	#	98
24) Nitrobenzene	10.10	77	147438	23.229	ng	#	88
25) Isophorone	10.61	82	247295	21.487	ng		98
26) 2-Nitrophenol	10.83	139	58838	24.485	ng	#	91
27) 2,4-Dimethylphenol	10.86	122	88234	25.276	ng		99
28) bis(2-Chloroethoxy)methane	11.10	93	130323	22.695	ng		97
29) 2,4-Dichlorophenol	11.37	162	107448	25.028	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	116540	20.894	ng		95
31) Naphthalene	11.79	128	320721	22.717	ng		98
32) Benzoic acid	10.99	122	46806	14.424	ng		89
33) 4-Chloroaniline	11.79	127	43151	6.822	ng	#	31
34) Hexachlorobutadiene	12.05	225	88610	21.008	ng		98
35) Caprolactam	12.62	113	32852	19.533	ng		98
36) 4-Chloro-3-methylphenol	12.95	107	139338	24.885	ng		93
37) 2-Methylnaphthalene	13.34	142	224736m	20.509	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	152720	20.343	ng		98
40) Hexachlorocyclopentadiene	13.66	237	168561	38.301	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	101771	23.332	ng		99
43) 2,4,5-Trichlorophenol	14.00	196	116711	22.638	ng		98
45) 1,1'-Biphenyl	14.32	154	341133	21.424	ng		95
46) 2-Chloronaphthalene	14.37	162	270511	22.033	ng		97
47) 2-Nitroaniline	14.56	65	107481	23.373	ng		97
48) Acenaphthylene	15.20	152	446509	21.788	ng		99
49) Dimethylphthalate	14.90	163	383441	21.259	ng		99
50) 2,6-Dinitrotoluene	15.03	165	87584	23.748	ng		99
51) Acenaphthene	15.54	154	329755	24.961	ng		98
52) 3-Nitroaniline	15.39	138	12755	3.299	ng	#	98
53) 2,4-Dinitrophenol	15.57	184	90811	50.648	ng	#	71
54) Dibenzofuran	15.87	168	437202	22.404	ng		93
55) 4-Nitrophenol	15.66	139	118638	43.635	ng		87
56) 2,4-Dinitrotoluene	15.81	165	125293	23.073	ng	#	95
57) Fluorene	16.51	166	356444	21.441	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	105990m	21.837	ng		
59) Diethylphthalate	16.24	149	386443	22.064	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	213261	22.316	ng		98
61) 4-Nitroaniline	16.53	138	48722	12.443	ng	#	84
62) Azobenzene	16.78	77	391559	23.079	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	76844	23.999	ng		97
65) n-Nitrosodiphenylamine	16.70	169	321153	21.017	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	140833	22.405	ng		94
67) Hexachlorobenzene	17.51	284	143960	21.701	ng		97
68) Atrazine	17.61	200	87699	14.164	ng		94
69) Pentachlorophenol	17.85	266	179880	39.506	ng		98
70) Phenanthrene	18.25	178	618271	22.180	ng		99
71) Anthracene	18.34	178	598843	21.217	ng		98
72) Carbazole	18.60	167	566144	22.636	ng		99
73) Di-n-butylphthalate	19.09	149	687509	23.616	ng	#	97
74) Fluoranthene	20.20	202	760689	22.052	ng		97
77) Pyrene	20.56	202	789039	21.194	ng		99
79) Butylbenzylphthalate	21.41	149	310639	22.610	ng		96
80) Benzo(a)anthracene	22.53	228	749249	21.079	ng		98
82) Chrysene	22.61	228	717208	20.844	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	433098	22.868	ng		96
84) Di-n-octyl phthalate	23.74	149	727496	25.088	ng		99
85) Indeno(1,2,3-cd)pyrene	30.68	276	803841	21.608	ng		96
87) Benzo(b)fluoranthene	25.10	252	723121	21.614	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	730037	21.575	ng	#	96
89) Benzo(a)pyrene	26.13	252	690608	21.494	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	682899	22.564	ng		96
91) Benzo(g,h,i)perylene	32.06	276	636653	21.243	ng	#	94

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

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