Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037865.D
Acq On : 7 Nov 2018 14:47
Operator : JU/SJ
Sample : J5820-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C19013081MSD

Quant Time: Nov 07 15:45:55 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	8.09	152	57003	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	258067	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	166216	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	361666	20.00	ng		0.00
76) Chrysene-d12	21.76	240	323793	20.00	ng		-0.02
87) Perylene-d12	25.09	264	330788	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	182946	53.66	ng		0.00
7) Phenol-d6	7.24	99	163474	31.71	ng		-0.02
23) Nitrobenzene-d5	9.27	82	364475	79.12	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	204564	112.84	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	851455	77.25	ng		-0.02
79) Terphenyl-d14	20.07	244	1155515	76.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	26704	15.444	ng		98
3) Pyridine	3.93	79	71839	16.484	ng		97
4) n-Nitrosodimethylamine	3.85	42	33983	21.892	ng	#	94
6) Aniline	7.42	93	102236	16.255	ng		94
8) 2-Chlorophenol	7.65	128	151882	38.078	ng		98
9) Benzaldehyde	7.24	77	130084	40.335	ng		95
10) Phenol	7.27	94	77337	14.217	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	178684	43.249	ng		97
12) 1,3-Dichlorobenzene	7.98	146	190150	42.822	ng		98
13) 1,4-Dichlorobenzene	8.13	146	196081	43.169	ng		99
14) 1,2-Dichlorobenzene	8.45	146	185458	42.445	ng		97
15) Benzyl Alcohol	8.33	79	107527	28.226	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	327017	44.236	ng		97
17) 2-Methylphenol	8.53	107	112270	31.218	ng		98
18) Hexachloroethane	9.17	117	73158	47.244	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	147350	41.504	ng		96
20) 3+4-Methylphenols	8.86	107	141002	27.423	ng		98
22) Acetophenone	8.92	105	291223	44.996	ng	#	98
24) Nitrobenzene	9.32	77	218155	45.584	ng		93
25) Isophorone	9.83	82	424273	50.405	ng		96
26) 2-Nitrophenol	10.03	139	107116	49.684	ng		99
27) 2,4-Dimethylphenol	10.07	122	174867	45.427	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	262233	47.550	ng		95
29) 2,4-Dichlorophenol	10.56	162	188761	44.042	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	209146	44.873	ng		99
31) Naphthalene	10.97	128	618157	48.768	ng		99
32) Benzoic acid	10.16	122	30962	12.384	ng		99
33) 4-Chloroaniline	11.08	127	80045	13.440	ng		97
34) Hexachlorobutadiene	11.23	225	126418	45.764	ng		98
35) Caprolactam	11.87	113	32099	18.674	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	186984	38.685	ng		99
37) 2-Methylnaphthalene	12.56	142	468702	50.725	ng		99
38) 1-Methylnaphthalene	12.78	142	464293	51.741	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	244286	45.564	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	285939	111.652 ng		99
43) 2,4,6-Trichlorophenol	13.16	196	166709	46.543 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	180471	46.277 ng		98
46) 1,1'-Biphenyl	13.56	154	592062	43.010 ng		99
47) 2-Chloronaphthalene	13.61	162	478093	45.908 ng		99
48) 2-Nitroaniline	13.82	65	153270	48.532 ng		92
49) Acenaphthylene	14.46	152	757878	48.378 ng		97
50) Dimethylphthalate	14.18	163	584936	45.489 ng		100
51) 2,6-Dinitrotoluene	14.31	165	133806	47.038 ng		97
52) Acenaphthene	14.79	154	462136	47.899 ng		99
53) 3-Nitroaniline	14.64	138	63909	20.238 ng	#	95
54) 2,4-Dinitrophenol	14.84	184	120528	88.934 ng		94
55) Dibenzofuran	15.13	168	735403	46.005 ng		98
56) 4-Nitrophenol	14.93	139	100177	42.857 ng		91
57) 2,4-Dinitrotoluene	15.09	165	190733	51.080 ng		94
58) Fluorene	15.77	166	607476	50.747 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	149115	44.658 ng	#	98
60) Diethylphthalate	15.53	149	590767	44.750 ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	301630	43.231 ng		99
62) 4-Nitroaniline	15.81	138	130815	41.688 ng		93
63) Azobenzene	16.05	77	563168	44.711 ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	97622	50.828 ng		99
66) n-Nitrosodiphenylamine	15.98	169	510176	46.896 ng		99
67) 4-Bromophenyl-phenylether	16.65	248	188242	47.396 ng		99
68) Hexachlorobenzene	16.77	284	187787	45.620 ng		97
69) Atrazine	16.92	200	188579	47.944 ng		99
70) Pentachlorophenol	17.12	266	213761	77.528 ng		98
71) Phenanthrene	17.52	178	950562	51.714 ng		99
72) Anthracene	17.61	178	920972	51.056 ng		98
73) Carbazole	17.88	167	822480	45.583 ng		99
74) Di-n-butylphthalate	18.42	149	984129	49.030 ng		99
75) Fluoranthene	19.52	202	1030403	49.426 ng		98
77) Benzidine	19.71	184	386778	35.130 ng		99
78) Pyrene	19.89	202	1026896	48.514 ng		99
80) Butylbenzylphthalate	20.76	149	449092	51.842 ng		97
81) Benzo(a)anthracene	21.74	228	973458	50.828 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	171710	23.131 ng		98
83) Chrysene	21.81	228	909492	49.386 ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	638222	52.560 ng		98
85) Di-n-octyl phthalate	22.85	149	1075620	54.322 ng		98
86) Indeno(1,2,3-cd)pyrene	28.90	276	884437	44.776 ng		99
88) Benzo(b)fluoranthene	24.03	252	930886	51.331 ng		99
89) Benzo(k)fluoranthene	24.10	252	930739	52.384 ng		97
90) Benzo(a)pyrene	24.93	252	897407	52.077 ng		98
91) Dibenzo(a,h)anthracene	28.98	278	722291	45.440 ng		100
92) Benzo(g,h,i)perylene	30.11	276	741444	46.105 ng		99

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

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