Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022235.D
Acq On : 8 Jun 2016 13:25
Operator : UM/SJ
Sample : H3402-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16MSD

Quant Time: Jun 08 17:56:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	25666	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	131504	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	87065	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	202910	20.00	ng		0.00
75) Chrysene-d12	21.76	240	188758	20.00	ng		0.00
86) Perylene-d12	25.05	264	179345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	228047	171.79	ng		0.00
7) Phenol-d6	7.28	99	349310	167.36	ng		0.00
23) Nitrobenzene-d5	9.29	82	184040	97.57	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	140458	142.77	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	498455	87.25	ng		0.00
78) Terphenyl-d14	20.08	244	725665	91.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	22403	35.20	ng	#	77
3) Pyridine	3.92	79	63677	37.02	ng		99
4) n-Nitrosodimethylamine	3.84	42	16897	43.93	ng		94
6) Aniline	7.44	93	89441	33.73	ng	#	81
8) 2-Chlorophenol	7.68	128	100222	54.62	ng	#	79
9) Benzaldehyde	7.26	77	4531	3.94	ng	#	88
10) Phenol	7.30	94	124386	57.80	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	85985	50.12	ng	#	74
12) 1,3-Dichlorobenzene	8.00	146	89020	45.26	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	90790	46.33	ng		92
14) 1,2-Dichlorobenzene	8.47	146	90678	45.91	ng		97
15) Benzyl Alcohol	8.35	79	66002	48.95	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.64	45	83985	47.18	ng		81
17) 2-Methylphenol	8.56	107	86212	53.69	ng	#	87
18) Hexachloroethane	9.20	117	32667	45.65	ng	#	79
19) n-Nitroso-di-n-propylamine	8.92	70	66211	46.86	ng	#	68
20) 3+4-Methylphenols	8.89	107	121989	52.96	ng		95
22) Acetophenone	8.94	105	136472	48.16	ng	#	81
24) Nitrobenzene	9.33	77	96974	51.13	ng	#	81
25) Isophorone	9.85	82	205523	46.57	ng	#	93
26) 2-Nitrophenol	10.05	139	51116	49.70	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	102287	54.94	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	124771	49.35	ng		94
29) 2,4-Dichlorophenol	10.59	162	99242	57.54	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	93302	48.42	ng		92
31) Naphthalene	10.99	128	314461	47.91	ng	#	96
32) Benzoic acid	10.22	122	4743	15.35	ng	#	63
33) 4-Chloroaniline	11.10	127	59135	21.67	ng	#	87
34) Hexachlorobutadiene	11.26	225	48367	46.75	ng		93
35) Caprolactam	11.86	113	44315m	46.84	ng		
36) 4-Chloro-3-methylphenol	12.21	107	113935	55.73	ng	#	80
37) 2-Methylnaphthalene	12.59	142	234475	48.39	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	104528	46.64	ng		98
40) Hexachlorocyclopentadiene	12.92	237	90222	79.02	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	78429	52.16	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	87445	52.64	ng		96
45) 1,1'-Biphenyl	13.58	154	314049	47.93	ng		95
46) 2-Chloronaphthalene	13.63	162	246296	49.04	ng		96
47) 2-Nitroaniline	13.84	65	60849	50.81	ng	#	51
48) Acenaphthylene	14.47	152	423985	48.11	ng		97
49) Dimethylphthalate	14.19	163	425496	58.94	ng		99
50) 2,6-Dinitrotoluene	14.32	165	78189	49.82	ng	#	76
51) Acenaphthene	14.81	154	254486	48.20	ng		97
52) 3-Nitroaniline	14.66	138	53956	31.00	ng	#	83
53) 2,4-Dinitrophenol	14.87	184	31043	52.75	ng	#	72
54) Dibenzofuran	15.15	168	396582	48.13	ng		98
55) 4-Nitrophenol	14.98	139	125224	104.24	ng	#	72
56) 2,4-Dinitrotoluene	15.11	165	108338	51.47	ng	#	83
57) Fluorene	15.79	166	341065	48.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	74285	49.86	ng		95
59) Diethylphthalate	15.55	149	360685	46.77	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	155289	48.31	ng		97
61) 4-Nitroaniline	15.82	138	84485	45.77	ng	#	80
62) Azobenzene	16.07	77	287564	49.24	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	43219	42.69	ng	#	82
65) n-Nitrosodiphenylamine	15.99	169	294610	50.40	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	93786	49.33	ng		94
67) Hexachlorobenzene	16.79	284	104562	47.19	ng		96
68) Atrazine	16.93	200	101385	46.86	ng		97
69) Pentachlorophenol	17.14	266	98410	96.44	ng		98
70) Phenanthrene	17.53	178	527045	47.82	ng		98
71) Anthracene	17.63	178	521566	47.72	ng		98
72) Carbazole	17.90	167	492345	47.56	ng		99
73) Di-n-butylphthalate	18.43	149	630818	46.61	ng		98
74) Fluoranthene	19.54	202	584958	46.17	ng		97
76) Benzidine	19.72	184	194850	39.47	ng		98
77) Pyrene	19.89	202	581225	49.53	ng		100
79) Butylbenzylphthalate	20.76	149	268315	49.30	ng		91
80) Benzo(a)anthracene	21.74	228	517040	48.85	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	84286	28.36	ng		99
82) Chrysene	21.82	228	492386	47.81	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	398323	49.77	ng		98
84) Di-n-octyl phthalate	22.85	149	662562	49.86	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	574943	49.76	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	513928	49.13	ng	#	95
88) Benzo(k)fluoranthene	24.08	252	498530	48.42	ng	#	98
89) Benzo(a)pyrene	24.91	252	489292	48.92	ng		98
90) Dibenzo(a,h)anthracene	28.89	278	466555	49.53	ng	#	93
91) Benzo(g,h,i)perylene	30.01	276	479445	48.92	ng	#	92

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

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