Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022694.D
Acq On : 29 Jun 2016 3:07
Operator : UM/SJ
Sample : H3769-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-B1(13-15)MSD

Quant Time: Jun 29 04:50:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113186	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	469970	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	343592	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	895185	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1047610	20.00	ng		0.00
86) Perylene-d12	25.20	264	1073574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	927809	131.48	ng		0.00
7) Phenol-d6	7.31	99	1373960	138.13	ng		0.00
23) Nitrobenzene-d5	9.33	82	934723	84.18	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	773071	143.05	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1704721	78.68	ng		-0.01
78) Terphenyl-d14	20.15	244	2788174	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	96721	33.82	ng		97
3) Pyridine	3.98	79	151296	18.91	ng		91
4) n-Nitrosodimethylamine	3.90	42	81936	17.91	ng		93
6) Aniline	7.48	93	184972	14.03	ng		99
8) 2-Chlorophenol	7.72	128	175354	23.99	ng		96
9) Benzaldehyde	7.29	77	142937	40.83	ng		93
10) Phenol	7.33	94	280436	26.68	ng		86
11) bis(2-Chloroethyl)ether	7.57	93	181065	20.92	ng		96
12) 1,3-Dichlorobenzene	8.05	146	174263	19.59	ng		95
13) 1,4-Dichlorobenzene	8.20	146	175990	19.74	ng		94
14) 1,2-Dichlorobenzene	8.52	146	168994	19.93	ng		97
15) Benzyl Alcohol	8.40	79	208939	22.70	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	202470	21.15	ng		96
17) 2-Methylphenol	8.60	107	161749	23.34	ng		89
18) Hexachloroethane	9.25	117	73534	19.92	ng		90
19) n-Nitroso-di-n-propylamine	8.96	70	173178	20.91	ng		95
20) 3+4-Methylphenols	8.92	107	218510	22.89	ng		94
22) Acetophenone	8.98	105	299837	22.07	ng	#	90
24) Nitrobenzene	9.37	77	266971	21.75	ng		93
25) Isophorone	9.89	82	448670	20.81	ng		98
26) 2-Nitrophenol	10.08	139	98453	22.27	ng		94
27) 2,4-Dimethylphenol	10.14	122	182320	21.59	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	264871	22.51	ng		98
29) 2,4-Dichlorophenol	10.62	162	203750	24.76	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	208287	21.32	ng		99
31) Naphthalene	11.03	128	513245	21.73	ng		100
32) Benzoic acid	10.14	122	182320	34.62	ng	#	11
33) 4-Chloroaniline	11.14	127	108548	10.67	ng		95
34) Hexachlorobutadiene	11.32	225	152181	20.04	ng		94
35) Caprolactam	11.89	113	66627m	25.70	ng		
36) 4-Chloro-3-methylphenol	12.25	107	241513	23.91	ng		93
37) 2-Methylnaphthalene	12.63	142	392477	21.42	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	263117	20.28	ng		98
40) Hexachlorocyclopentadiene	12.97	237	508516	49.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	191722	23.05	ng		93
43) 2,4,5-Trichlorophenol	13.30	196	214037	24.59	ng		99
45) 1,1'-Biphenyl	13.63	154	534333	20.41	ng		100
46) 2-Chloronaphthalene	13.67	162	454360	21.10	ng		97
47) 2-Nitroaniline	13.87	65	184277	22.17	ng		98
48) Acenaphthylene	14.52	152	675186	21.61	ng		99
49) Dimethylphthalate	14.24	163	980486	34.40	ng		98
50) 2,6-Dinitrotoluene	14.36	165	140471	22.68	ng		88
51) Acenaphthene	14.86	154	450941	19.60	ng		97
52) 3-Nitroaniline	14.70	138	103935	17.93	ng		91
53) 2,4-Dinitrophenol	14.89	184	190813	50.02	ng		96
54) Dibenzofuran	15.19	168	744153	22.33	ng		94
55) 4-Nitrophenol	14.99	139	356740	72.79	ng		97
56) 2,4-Dinitrotoluene	15.15	165	216774	25.27	ng		89
57) Fluorene	15.84	166	581346	21.86	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.41	232	218585	24.22	ng	#	100
59) Diethylphthalate	15.60	149	643813	21.97	ng		100
60) 4-Chlorophenyl-phenylether	15.83	204	340485	21.50	ng		93
61) 4-Nitroaniline	15.86	138	138698	23.20	ng	#	86
62) Azobenzene	16.12	77	644174	20.30	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	139259	23.20	ng		95
65) n-Nitrosodiphenylamine	16.05	169	552381	21.20	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	234360	20.18	ng		92
67) Hexachlorobenzene	16.85	284	252354	20.55	ng		95
68) Atrazine	16.99	200	251608	22.88	ng		95
69) Pentachlorophenol	17.19	266	529506	62.66	ng		96
70) Phenanthrene	17.60	178	1013678	22.21	ng		95
71) Anthracene	17.69	178	1007262	21.44	ng		96
72) Carbazole	17.96	167	929062	23.33	ng		95
73) Di-n-butylphthalate	18.50	149	1042127	22.47	ng		95
74) Fluoranthene	19.60	202	1219479	23.19	ng		96
76) Benzidine	19.78	184	777731	69.73	ng		97
77) Pyrene	19.96	202	1235614	22.14	ng		96
79) Butylbenzylphthalate	20.84	149	490302	20.30	ng		94
80) Benzo(a)anthracene	21.83	228	1284238	22.15	ng		92
81) 3,3'-Dichlorobenzidine	21.73	252	303122	12.66	ng		100
82) Chrysene	21.89	228	1184334	21.74	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	682493	20.07	ng		99
84) Di-n-octyl phthalate	22.97	149	1146599	20.45	ng		96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1385819	19.36	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1340961	20.77	ng		98
88) Benzo(k)fluoranthene	24.20	252	1265397	20.74	ng	#	96
89) Benzo(a)pyrene	25.04	252	1265123	20.10	ng		99
90) Dibenzo(a,h)anthracene	29.10	278	1179352	19.91	ng	#	96
91) Benzo(g,h,i)perylene	30.25	276	1139978	18.90	ng	#	98

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

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