Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022707.D
Acq On : 29 Jun 2016 23:59
Operator : UM/SJ
Sample : H3828-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0581MSD

Quant Time: Jun 30 04:58:04 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	113123	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	510939	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	440124	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1143435	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1250085	20.00	ng		0.00
86) Perylene-d12	25.20	264	1313711	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	403034	57.15	ng		0.00
7) Phenol-d6	7.30	99	397780	40.01	ng		0.00
23) Nitrobenzene-d5	9.33	82	953083	78.95	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	917760	132.58	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2129259	76.72	ng		0.00
78) Terphenyl-d14	20.15	244	3110628	65.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	36011	12.60	ng	#	90
3) Pyridine	3.99	79	43561	5.45	ng		95
4) n-Nitrosodimethylamine	3.89	42	29437	6.44	ng	#	87
6) Aniline	7.48	93	159573	12.11	ng		94
8) 2-Chlorophenol	7.72	128	118546	16.23	ng		94
9) Benzaldehyde	7.29	77	119374	34.12	ng		91
10) Phenol	7.33	94	69334	6.60	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	162961	18.84	ng		93
12) 1,3-Dichlorobenzene	8.05	146	139534	15.70	ng		99
13) 1,4-Dichlorobenzene	8.20	146	140678	15.78	ng		99
14) 1,2-Dichlorobenzene	8.51	146	143178	16.89	ng		98
15) Benzyl Alcohol	8.39	79	122487	13.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	188740	19.73	ng		94
17) 2-Methylphenol	8.59	107	105528	15.24	ng	#	83
18) Hexachloroethane	9.25	117	55321	15.00	ng	#	87
19) n-Nitroso-di-n-propylamine	8.96	70	174077	21.03	ng		97
20) 3+4-Methylphenols	8.92	107	132700	13.91	ng		86
22) Acetophenone	8.98	105	288418	19.53	ng	#	96
24) Nitrobenzene	9.38	77	252129	18.90	ng		90
25) Isophorone	9.89	82	491579	20.98	ng	#	95
26) 2-Nitrophenol	10.09	139	93147	19.38	ng		89
27) 2,4-Dimethylphenol	10.13	122	160009	17.42	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	277884	21.72	ng		96
29) 2,4-Dichlorophenol	10.62	162	186051	20.80	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	178543	16.81	ng		99
31) Naphthalene	11.03	128	481966	18.77	ng		99
32) Benzoic acid	10.20	122	31765	9.84	ng	#	83
33) 4-Chloroaniline	11.14	127	171264	15.48	ng		98
34) Hexachlorobutadiene	11.32	225	133518	16.17	ng		88
35) Caprolactam	11.93	113	10724m	3.81	ng		
36) 4-Chloro-3-methylphenol	12.24	107	230116	20.95	ng		92
37) 2-Methylnaphthalene	12.63	142	409452	20.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	269091	16.19	ng		98
40) Hexachlorocyclopentadiene	12.97	237	484690	36.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	202772	19.03	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	221873	19.90	ng		88
45) 1,1'-Biphenyl	13.63	154	601452	17.94	ng		99
46) 2-Chloronaphthalene	13.68	162	490116	17.77	ng		96
47) 2-Nitroaniline	13.88	65	212666	19.97	ng		97
48) Acenaphthylene	14.52	152	786325	19.65	ng		96
49) Dimethylphthalate	14.24	163	815291	22.33	ng	#	99
50) 2,6-Dinitrotoluene	14.36	165	167336	21.09	ng		88
51) Acenaphthene	14.86	154	540877	18.35	ng		98
52) 3-Nitroaniline	14.70	138	111488	15.02	ng		97
53) 2,4-Dinitrophenol	14.90	184	319385	65.36	ng		98
54) Dibenzofuran	15.20	168	869798	20.37	ng		94
55) 4-Nitrophenol	14.99	139	153392	24.44	ng		91
56) 2,4-Dinitrotoluene	15.15	165	241232	21.95	ng		91
57) Fluorene	15.85	166	705558	20.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	249071	21.55	ng	#	98
59) Diethylphthalate	15.60	149	816236	21.75	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	426622	21.03	ng		96
61) 4-Nitroaniline	15.86	138	153984	20.10	ng	#	86
62) Azobenzene	16.13	77	826636	20.34	ng		91
64) 4,6-Dinitro-2-methylphenol	15.92	198	152290	19.86	ng		98
65) n-Nitrosodiphenylamine	16.05	169	667816	20.07	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	297824	20.08	ng		95
67) Hexachlorobenzene	16.85	284	319396	20.36	ng		95
68) Atrazine	16.99	200	296046	21.07	ng		96
69) Pentachlorophenol	17.20	266	618747	57.32	ng		98
70) Phenanthrene	17.60	178	1239022	21.25	ng		100
71) Anthracene	17.68	178	1255104	20.91	ng		98
72) Carbazole	17.95	167	1089539	21.42	ng		98
73) Di-n-butylphthalate	18.50	149	1262051	21.30	ng		97
74) Fluoranthene	19.60	202	1498161	22.30	ng		96
76) Benzidine	19.78	184	914532	68.71	ng		99
77) Pyrene	19.96	202	1502055	22.56	ng		96
79) Butylbenzylphthalate	20.83	149	588547	20.42	ng		95
80) Benzo(a)anthracene	21.83	228	1565678	22.63	ng		93
81) 3,3'-Dichlorobenzidine	21.73	252	423003	14.81	ng		99
82) Chrysene	21.89	228	1487331	22.88	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	815843	20.10	ng		98
84) Di-n-octyl phthalate	22.97	149	1367848	20.45	ng		96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1792175	20.98	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	1639041	20.75	ng		99
88) Benzo(k)fluoranthene	24.19	252	1604682m	21.49	ng		
89) Benzo(a)pyrene	25.03	252	1514092	19.66	ng		99
90) Dibenzo(a,h)anthracene	29.10	278	1531583	21.13	ng	#	97
91) Benzo(g,h,i)perylene	30.24	276	1496575	20.28	ng	#	98

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

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