Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024572.D
Acq On : 1 Nov 2016 1:13
Operator : UM/SJ
Sample : H5481-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-7MSD

Quant Time: Nov 01 12:00:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	131349	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	494503	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	369336	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	793172	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1025855	20.00	ng		0.00
86) Perylene-d12	25.35	264	1098940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	467920	58.39	ng		0.00
7) Phenol-d6	7.40	99	410539	37.35	ng		0.00
23) Nitrobenzene-d5	9.45	82	1052384	96.89	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	782935	141.90	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2029114	91.31	ng		0.00
78) Terphenyl-d14	20.21	244	2822530	82.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	50543	15.44	ng		95
3) Pyridine	4.08	79	103471	10.55	ng		92
4) n-Nitrosodimethylamine	4.00	42	70371	13.87	ng	#	82
6) Aniline	7.59	93	204181	14.66	ng	#	93
8) 2-Chlorophenol	7.83	128	299345	36.74	ng		97
9) Benzaldehyde	7.40	77	73316	10.79	ng		93
10) Phenol	7.43	94	164790	14.54	ng		89
11) bis(2-Chloroethyl)ether	7.68	93	378670	44.48	ng		87
12) 1,3-Dichlorobenzene	8.15	146	266631	26.43	ng		95
13) 1,4-Dichlorobenzene	8.31	146	287801	28.89	ng		94
14) 1,2-Dichlorobenzene	8.63	146	266316	27.80	ng		95
15) Benzyl Alcohol	8.50	79	244152	23.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	624597	39.54	ng		95
17) 2-Methylphenol	8.70	107	220336	29.34	ng		97
18) Hexachloroethane	9.36	117	85170	22.24	ng		91
19) n-Nitroso-di-n-propylamine	9.07	70	361791	44.66	ng		89
20) 3+4-Methylphenols	9.02	107	285619	28.33	ng		96
22) Acetophenone	9.09	105	604755	47.61	ng	#	93
24) Nitrobenzene	9.49	77	537983	44.52	ng		92
25) Isophorone	10.01	82	966719	47.85	ng		99
26) 2-Nitrophenol	10.20	139	207872	46.35	ng		92
27) 2,4-Dimethylphenol	10.24	122	339362	43.22	ng		94
28) bis(2-Chloroethoxy)methane	10.48	93	537367	51.41	ng		97
29) 2,4-Dichlorophenol	10.73	162	385573	46.79	ng		96
30) 1,2,4-Trichlorobenzene	10.95	180	276953	28.33	ng		94
31) Naphthalene	11.15	128	909393	36.87	ng		97
32) Benzoic acid	10.31	122	44666	6.83	ng		85
33) 4-Chloroaniline	11.25	127	218085	20.36	ng		92
34) Hexachlorobutadiene	11.42	225	165447	21.63	ng		96
35) Caprolactam	12.03	113	21055	6.98	ng	#	87
36) 4-Chloro-3-methylphenol	12.34	107	422397	42.46	ng		97
37) 2-Methylnaphthalene	12.73	142	640371	35.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	424628	34.09	ng		98
40) Hexachlorocyclopentadiene	13.06	237	353568	50.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	368556	49.22	ng		96
43) 2,4,5-Trichlorophenol	13.40	196	382225	47.22	ng		92
45) 1,1'-Biphenyl	13.72	154	976322	38.09	ng		97
46) 2-Chloronaphthalene	13.77	162	767552	39.33	ng		97
47) 2-Nitroaniline	13.97	65	366891	45.91	ng		93
48) Acenaphthylene	14.61	152	1236362	41.31	ng		99
49) Dimethylphthalate	14.33	163	1298332	49.52	ng		99
50) 2,6-Dinitrotoluene	14.46	165	277140	49.51	ng		90
51) Acenaphthene	14.95	154	826050	37.02	ng		98
52) 3-Nitroaniline	14.79	138	169924	29.34	ng		93
53) 2,4-Dinitrophenol	14.99	184	313477	77.28	ng		92
54) Dibenzofuran	15.28	168	1366009	44.29	ng		96
55) 4-Nitrophenol	15.08	139	161276	31.96	ng		89
56) 2,4-Dinitrotoluene	15.24	165	403626	49.62	ng	#	91
57) Fluorene	15.93	166	1118069	43.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	404005	48.14	ng	#	93
59) Diethylphthalate	15.68	149	1260914	45.87	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	644500	44.90	ng		96
61) 4-Nitroaniline	15.95	138	244294	38.61	ng		96
62) Azobenzene	16.20	77	1257100	45.85	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	245569	44.94	ng		96
65) n-Nitrosodiphenylamine	16.13	169	1037447	47.84	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	472968	49.12	ng		97
67) Hexachlorobenzene	16.93	284	522580	49.12	ng	#	89
68) Atrazine	17.07	200	487417	52.40	ng		98
69) Pentachlorophenol	17.27	266	662963	94.43	ng		98
70) Phenanthrene	17.67	178	1916793	47.41	ng		98
71) Anthracene	17.76	178	1930058	47.32	ng		98
72) Carbazole	18.03	167	1740016	46.78	ng		99
73) Di-n-butylphthalate	18.55	149	2017405	47.04	ng		98
74) Fluoranthene	19.66	202	2350084	45.98	ng		98
77) Pyrene	20.02	202	2365089	47.16	ng		96
79) Butylbenzylphthalate	20.89	149	1005948	48.11	ng		99
80) Benzo(a)anthracene	21.90	228	2637305	46.80	ng		99
81) 3,3'-Dichlorobenzidine	21.82	252	75638	3.33	ng	#	99
82) Chrysene	21.97	228	2498157	46.54	ng		97
83) Bis(2-ethylhexyl)phthalate	21.76	149	1387644	46.40	ng		99
84) Di-n-octyl phthalate	23.04	149	2422088	48.80	ng		94
85) Indeno(1,2,3-cd)pyrene	29.31	276	3544057	47.84	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2812136	47.34	ng		96
88) Benzo(k)fluoranthene	24.33	252	2693120	46.95	ng		98
89) Benzo(a)pyrene	25.20	252	2705393	46.61	ng	#	98
90) Dibenzo(a,h)anthracene	29.38	278	2944160	46.21	ng		96
91) Benzo(g,h,i)perylene	30.53	276	2939842	46.19	ng		96

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

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