Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023441.D
Acq On : 4 Aug 2016 1:22
Operator : UM/SJ
Sample : H4176-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MS

Manual Integrations APPROVED
sohil
8/4/2016 6:09:01 PM

Quant Time: Aug 04 03:47:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103870	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	505474	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	388000	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	971859	20.00	ng		0.00
75) Chrysene-d12	21.86	240	957155	20.00	ng		0.00
86) Perylene-d12	25.23	264	943033	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	477706	77.42	ng		0.00
7) Phenol-d6	7.27	99	493547	51.35	ng		0.00
23) Nitrobenzene-d5	9.29	82	973940	95.79	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	782649	137.91	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2042023	88.77	ng		0.00
78) Terphenyl-d14	20.15	244	2845341	95.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41231	15.68	ng		96
3) Pyridine	3.93	79	93955	10.87	ng		94
4) n-Nitrosodimethylamine	3.84	42	63336	19.77	ng	#	84
6) Aniline	7.44	93	299282	21.55	ng		97
8) 2-Chlorophenol	7.68	128	296755	41.86	ng		96
9) Benzaldehyde	7.25	77	208505	37.47	ng		91
10) Phenol	7.30	94	186811	18.17	ng		89
11) bis(2-Chloroethyl)ether	7.53	93	365693	44.59	ng		92
12) 1,3-Dichlorobenzene	8.01	146	312250	38.47	ng		93
13) 1,4-Dichlorobenzene	8.15	146	322869	38.86	ng		95
14) 1,2-Dichlorobenzene	8.48	146	319403	39.19	ng		94
15) Benzyl Alcohol	8.36	79	268872	36.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	496580	41.17	ng		91
17) 2-Methylphenol	8.56	107	255328	37.04	ng	#	88
18) Hexachloroethane	9.21	117	120498	38.53	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	381945	46.20	ng		98
20) 3+4-Methylphenols	8.89	107	332066	34.17	ng		94
22) Acetophenone	8.95	105	558198	40.33	ng	#	91
24) Nitrobenzene	9.34	77	545830	48.48	ng	#	88
25) Isophorone	9.86	82	1044319	49.31	ng	#	92
26) 2-Nitrophenol	10.06	139	218970	46.08	ng	#	78
27) 2,4-Dimethylphenol	10.11	122	349907	43.25	ng		85
28) bis(2-Chloroethoxy)methane	10.34	93	583659	45.85	ng		99
29) 2,4-Dichlorophenol	10.60	162	399749	49.13	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	380233	43.34	ng		97
31) Naphthalene	11.00	128	1121076	43.55	ng		98
32) Benzoic acid	10.20	122	70016	14.58	ng	#	82
33) 4-Chloroaniline	11.11	127	287590	23.37	ng		93
34) Hexachlorobutadiene	11.28	225	233053	40.39	ng		98
35) Caprolactam	11.90	113	31360m	9.16	ng		
36) 4-Chloro-3-methylphenol	12.24	107	502984	47.06	ng		93
37) 2-Methylnaphthalene	12.61	142	925165	47.28	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	464472	33.01	ng		99
40) Hexachlorocyclopentadiene	12.95	237	551242	77.69	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	388287	46.33	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	418633	48.52	ng		90
45) 1,1'-Biphenyl	13.61	154	1166212	39.32	ng		96
46) 2-Chloronaphthalene	13.66	162	1011728	44.09	ng		97
47) 2-Nitroaniline	13.86	65	455449	47.81	ng		90
48) Acenaphthylene	14.51	152	1654369	45.61	ng		98
49) Dimethylphthalate	14.23	163	1468160	49.32	ng		97
50) 2,6-Dinitrotoluene	14.36	165	347446	49.28	ng		84
51) Acenaphthene	14.85	154	1064205	46.31	ng		100
52) 3-Nitroaniline	14.70	138	244876	30.80	ng	#	79
53) 2,4-Dinitrophenol	14.90	184	449942	99.57	ng		93
54) Dibenzofuran	15.18	168	1688491	50.61	ng		98
55) 4-Nitrophenol	15.01	139	244822	39.21	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	517474	52.30	ng		90
57) Fluorene	15.84	166	1412606	48.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	440087m	55.58	ng		
59) Diethylphthalate	15.59	149	1513135	50.07	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	737644	47.88	ng		97
61) 4-Nitroaniline	15.87	138	343848	40.63	ng	#	70
62) Azobenzene	16.12	77	1617231	52.80	ng		89
64) 4,6-Dinitro-2-methylphenol	15.91	198	325250	49.22	ng		91
65) n-Nitrosodiphenylamine	16.04	169	1319101	46.28	ng		95
66) 4-Bromophenyl-phenylether	16.72	248	535603	47.28	ng		97
67) Hexachlorobenzene	16.85	284	572735	46.22	ng		95
68) Atrazine	16.99	200	541725	49.49	ng		97
69) Pentachlorophenol	17.19	266	690445	95.57	ng		98
70) Phenanthrene	17.59	178	2290006	46.44	ng		94
71) Anthracene	17.68	178	2330015	46.98	ng		95
72) Carbazole	17.95	167	2162703	49.66	ng		97
73) Di-n-butylphthalate	18.49	149	2426284	56.98	ng		98
74) Fluoranthene	19.60	202	2570150	57.88	ng		92
76) Benzidine	19.78	184	158616	5.96	ng		97
77) Pyrene	19.96	202	2607246	48.86	ng		95
79) Butylbenzylphthalate	20.84	149	1159050	50.29	ng		97
80) Benzo(a)anthracene	21.84	228	2509185	47.49	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	677716	31.27	ng	#	98
82) Chrysene	21.91	228	2346570	46.68	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1564638	49.57	ng		99
84) Di-n-octyl phthalate	22.98	149	2565479	47.63	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	3061589	48.74	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2642857	49.81	ng	#	94
88) Benzo(k)fluoranthene	24.24	252	2509398	49.24	ng	#	97
89) Benzo(a)pyrene	25.08	252	2518419	49.91	ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	2593448	50.31	ng	#	93
91) Benzo(g,h,i)perylene	30.32	276	2550631	49.14	ng	#	92

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

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