Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023442.D
Acq On : 4 Aug 2016 2:02
Operator : UM/SJ
Sample : H4176-20MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
8/4/2016 6:08:53 PM

Quant Time: Aug 04 03:48:52 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	115750	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	532715	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	397192	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	988541	20.00	ng		0.00
75) Chrysene-d12	21.86	240	962816	20.00	ng		0.00
86) Perylene-d12	25.23	264	936546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	491288	71.45	ng		0.00
7) Phenol-d6	7.28	99	502610	46.93	ng		0.00
23) Nitrobenzene-d5	9.30	82	1058392	98.77	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	852515	146.74	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2194994	93.21	ng		0.00
78) Terphenyl-d14	20.15	244	2964276	99.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	42469	14.50	ng	#	91
3) Pyridine	3.93	79	117967	12.25	ng		96
4) n-Nitrosodimethylamine	3.84	42	66370	18.59	ng	#	81
6) Aniline	7.43	93	374936	24.23	ng		94
8) 2-Chlorophenol	7.68	128	309610	39.19	ng		98
9) Benzaldehyde	7.25	77	201671	31.17	ng		92
10) Phenol	7.30	94	192988	16.84	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	401123	43.89	ng		92
12) 1,3-Dichlorobenzene	8.00	146	346429m	38.30	ng		
13) 1,4-Dichlorobenzene	8.15	146	358596	38.73	ng		92
14) 1,2-Dichlorobenzene	8.47	146	352409	38.80	ng		91
15) Benzyl Alcohol	8.36	79	286328	35.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	537583	39.99	ng		92
17) 2-Methylphenol	8.57	107	267884	34.87	ng		89
18) Hexachloroethane	9.21	117	134414	38.57	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	411419	44.66	ng		96
20) 3+4-Methylphenols	8.90	107	345793	31.93	ng		88
22) Acetophenone	8.95	105	591969	40.58	ng	#	91
24) Nitrobenzene	9.34	77	576920	48.62	ng	#	90
25) Isophorone	9.86	82	1112622	49.85	ng	#	95
26) 2-Nitrophenol	10.05	139	233762	46.68	ng	#	80
27) 2,4-Dimethylphenol	10.11	122	370824	43.49	ng		85
28) bis(2-Chloroethoxy)methane	10.34	93	631471	47.06	ng		99
29) 2,4-Dichlorophenol	10.60	162	432841	50.48	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	403562	43.64	ng		95
31) Naphthalene	11.00	128	1205457	44.44	ng		99
32) Benzoic acid	10.20	122	64959	13.61	ng	#	82
33) 4-Chloroaniline	11.11	127	340203	26.23	ng		94
34) Hexachlorobutadiene	11.28	225	266315	43.79	ng		97
35) Caprolactam	11.90	113	30443	8.44	ng		93
36) 4-Chloro-3-methylphenol	12.23	107	518996	46.07	ng		91
37) 2-Methylnaphthalene	12.60	142	974605	47.26	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	500783	34.77	ng		98
40) Hexachlorocyclopentadiene	12.95	237	570218	78.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	410088	47.80	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	440957	49.92	ng		91
45) 1,1'-Biphenyl	13.61	154	1227013	40.41	ng		97
46) 2-Chloronaphthalene	13.66	162	1077943	45.89	ng		98
47) 2-Nitroaniline	13.87	65	493190	50.57	ng	#	84
48) Acenaphthylene	14.51	152	1727661	46.53	ng		97
49) Dimethylphthalate	14.23	163	1588471	52.13	ng		97
50) 2,6-Dinitrotoluene	14.36	165	366896	50.84	ng		88
51) Acenaphthene	14.85	154	1122572	47.72	ng		99
52) 3-Nitroaniline	14.70	138	261520	32.14	ng	#	82
53) 2,4-Dinitrophenol	14.90	184	469714	101.54	ng		89
54) Dibenzofuran	15.18	168	1766151	51.72	ng		99
55) 4-Nitrophenol	15.01	139	238715	37.35	ng	#	79
56) 2,4-Dinitrotoluene	15.15	165	543621	53.67	ng		95
57) Fluorene	15.84	166	1468399	49.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	467608m	57.69	ng		
59) Diethylphthalate	15.59	149	1579843	51.07	ng		95
60) 4-Chlorophenyl-phenylether	15.82	204	766969	48.63	ng		100
61) 4-Nitroaniline	15.86	138	377830	43.61	ng	#	70
62) Azobenzene	16.12	77	1694096	54.03	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	343167	51.06	ng		94
65) n-Nitrosodiphenylamine	16.04	169	1368563	47.20	ng		92
66) 4-Bromophenyl-phenylether	16.72	248	552998	48.00	ng		96
67) Hexachlorobenzene	16.85	284	601888	47.75	ng		97
68) Atrazine	16.99	200	549393	49.35	ng		96
69) Pentachlorophenol	17.19	266	721540	98.19	ng		99
70) Phenanthrene	17.59	178	2338620	46.62	ng		93
71) Anthracene	17.68	178	2380519	47.19	ng		93
72) Carbazole	17.96	167	2222506	50.17	ng		97
73) Di-n-butylphthalate	18.49	149	2451901	56.55	ng		97
74) Fluoranthene	19.60	202	2638705	58.52	ng		93
76) Benzidine	19.78	184	367745	13.74	ng		96
77) Pyrene	19.97	202	2613790	48.65	ng		96
79) Butylbenzylphthalate	20.83	149	1182996	51.03	ng		99
80) Benzo(a)anthracene	21.84	228	2524566	47.50	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	695472	31.90	ng	#	93
82) Chrysene	21.91	228	2378038	47.03	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1581363	49.81	ng		99
84) Di-n-octyl phthalate	22.98	149	2585100	47.71	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3069207	48.58	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2651348	50.32	ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2516343	49.72	ng	#	96
89) Benzo(a)pyrene	25.08	252	2520258	50.29	ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	2606502	50.91	ng	#	91
91) Benzo(g,h,i)perylene	30.32	276	2554400	49.55	ng	#	93

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

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