Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024740.D
Acq On : 7 Nov 2016 22:20
Operator : UM/SJ
Sample : H5544-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-112-11.3-23.0MSD

Manual Integrations APPROVED
sohil
11/8/2016 4:29:33 PM

Quant Time: Nov 08 02:45:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	100884	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	388945	20.00	ng		-0.02
38) Acenaphthene-d10	14.88	164	314642	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	704648	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1004130	20.00	ng		0.00
86) Perylene-d12	25.34	264	1056555	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	600040	97.48	ng		0.00
7) Phenol-d6	7.40	99	627429	74.31	ng		0.00
23) Nitrobenzene-d5	9.44	82	854550	100.03	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	747088	158.93	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1835239	96.95	ng		0.00
78) Terphenyl-d14	20.20	244	2908503	86.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	66489	26.44	ng		96
3) Pyridine	4.06	79	202582	26.91	ng		91
4) n-Nitrosodimethylamine	3.98	42	111774	28.68	ng		83
6) Aniline	7.58	93	199314	18.63	ng		99
8) 2-Chlorophenol	7.82	128	282547	45.15	ng		97
9) Benzaldehyde	7.40	77	56528	10.83	ng		98
10) Phenol	7.43	94	244910	28.14	ng		96
11) bis(2-Chloroethyl)ether	7.67	93	322301	49.29	ng		86
12) 1,3-Dichlorobenzene	8.15	146	339105	43.77	ng		94
13) 1,4-Dichlorobenzene	8.30	146	349785	45.71	ng		96
14) 1,2-Dichlorobenzene	8.62	146	338483	46.01	ng		93
15) Benzyl Alcohol	8.50	79	318716	40.58	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.78	45	522460	43.07	ng		95
17) 2-Methylphenol	8.69	107	247589	42.93	ng		97
18) Hexachloroethane	9.35	117	130044	44.21	ng		89
19) n-Nitroso-di-n-propylamine	9.06	70	293716	47.20	ng	#	95
20) 3+4-Methylphenols	9.02	107	316041	40.81	ng		99
22) Acetophenone	9.09	105	514237	51.47	ng	#	90
24) Nitrobenzene	9.48	77	463173	48.74	ng		99
25) Isophorone	9.99	82	828301	52.13	ng		99
26) 2-Nitrophenol	10.19	139	188742	53.51	ng		92
27) 2,4-Dimethylphenol	10.23	122	319510	51.74	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	442713	53.85	ng		92
29) 2,4-Dichlorophenol	10.73	162	363389	56.06	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	376622	48.98	ng		95
31) Naphthalene	11.14	128	956822	49.32	ng		99
32) Benzoic acid	10.33	122	114353	22.24	ng		86
33) 4-Chloroaniline	11.24	127	103878	12.33	ng		94
34) Hexachlorobutadiene	11.40	225	293489	48.77	ng		98
35) Caprolactam	12.08	113	40430m	17.04	ng		
36) 4-Chloro-3-methylphenol	12.34	107	400403	51.17	ng		94
37) 2-Methylnaphthalene	12.73	142	720581	50.90	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	511097	48.16	ng		99
40) Hexachlorocyclopentadiene	13.05	237	681865	114.10	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	345259	54.12	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	357342	51.81	ng		94
45) 1,1'-Biphenyl	13.71	154	1038053	47.54	ng		95
46) 2-Chloronaphthalene	13.77	162	824408	49.59	ng		97
47) 2-Nitroaniline	13.97	65	332605	48.86	ng		95
48) Acenaphthylene	14.61	152	1240132	48.64	ng		98
49) Dimethylphthalate	14.32	163	1166609	52.23	ng		100
50) 2,6-Dinitrotoluene	14.45	165	254551	53.38	ng		90
51) Acenaphthene	14.95	154	820616	43.17	ng		97
52) 3-Nitroaniline	14.79	138	91901	18.62	ng		85
53) 2,4-Dinitrophenol	14.99	184	372361	107.76	ng		96
54) Dibenzofuran	15.28	168	1325893	50.46	ng		97
55) 4-Nitrophenol	15.08	139	269260	62.63	ng	#	86
56) 2,4-Dinitrotoluene	15.23	165	384018	55.42	ng	#	92
57) Fluorene	15.92	166	1082388	49.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	389509	54.48	ng		92
59) Diethylphthalate	15.67	149	1169812	49.95	ng		100
60) 4-Chlorophenyl-phenylether	15.90	204	607076	49.65	ng		99
61) 4-Nitroaniline	15.95	138	235767	43.74	ng		94
62) Azobenzene	16.20	77	1160083	49.67	ng		96
64) 4,6-Dinitro-2-methylphenol	15.99	198	261972	53.96	ng		95
65) n-Nitrosodiphenylamine	16.12	169	959187	49.79	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	445426	52.07	ng		96
67) Hexachlorobenzene	16.92	284	514508	54.43	ng	#	86
68) Atrazine	17.06	200	468624	56.71	ng		92
69) Pentachlorophenol	17.26	266	670130	107.44	ng		96
70) Phenanthrene	17.67	178	1848812	51.48	ng		99
71) Anthracene	17.75	178	1876940	51.80	ng		99
72) Carbazole	18.03	167	1691891	51.20	ng		99
73) Di-n-butylphthalate	18.55	149	1981732	52.01	ng		98
74) Fluoranthene	19.66	202	2378443	52.38	ng		97
76) Benzidine	19.83	184	562470	23.77	ng		97
77) Pyrene	20.02	202	2452911	49.97	ng		97
79) Butylbenzylphthalate	20.88	149	1031895	50.42	ng		97
80) Benzo(a)anthracene	21.90	228	2733174	49.55	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	433536	19.48	ng	#	98
82) Chrysene	21.97	228	2546777	48.48	ng		97
83) Bis(2-ethylhexyl)phthalate	21.76	149	1443835	49.32	ng	#	99
84) Di-n-octyl phthalate	23.03	149	2442433	50.27	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.28	276	3559560	49.08	ng	#	97
87) Benzo(b)fluoranthene	24.25	252	2862985	50.13	ng		98
88) Benzo(k)fluoranthene	24.32	252	2774799	50.31	ng		99
89) Benzo(a)pyrene	25.18	252	2786571	49.93	ng		99
90) Dibenzo(a,h)anthracene	29.36	278	2984252	48.72	ng		99
91) Benzo(g,h,i)perylene	30.53	276	2968440	48.51	ng		97

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

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