Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024594.D
Acq On : 1 Nov 2016 15:57
Operator : UM/SJ
Sample : H5478-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SD-5MSD

Manual Integrations APPROVED
Umangi
11/2/2016 5:43:57 PM

Quant Time: Nov 02 03:53:22 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	8.27	152	124913	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	479444	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	363244	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	816228	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1047817	20.00	ng		0.00
86) Perylene-d12	25.35	264	1123536	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	888057	116.52	ng		0.00
7) Phenol-d6	7.41	99	1248100	119.39	ng		0.00
23) Nitrobenzene-d5	9.45	82	873607	82.96	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	676632	124.69	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1482657	67.84	ng		0.00
78) Terphenyl-d14	20.21	244	2188093	62.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	98349	31.59	ng		98
3) Pyridine	4.07	79	321040	34.44	ng	#	91
4) n-Nitrosodimethylamine	3.99	42	171674	35.57	ng	#	79
6) Aniline	7.59	93	373368	28.19	ng		96
8) 2-Chlorophenol	7.83	128	319893	41.28	ng		94
9) Benzaldehyde	7.40	77	60884	9.42	ng		91
10) Phenol	7.43	94	482635	44.78	ng		98
11) bis(2-Chloroethyl)ether	7.68	93	322369	39.82	ng		85
12) 1,3-Dichlorobenzene	8.15	146	358125	37.33	ng		96
13) 1,4-Dichlorobenzene	8.30	146	363357	38.35	ng		96
14) 1,2-Dichlorobenzene	8.62	146	345313	37.91	ng		96
15) Benzyl Alcohol	8.50	79	369092	37.95	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.80	45	536332	35.70	ng		96
17) 2-Methylphenol	8.70	107	289880	40.59	ng		96
18) Hexachloroethane	9.36	117	136498	37.47	ng	#	80
19) n-Nitroso-di-n-propylamine	9.07	70	302147	39.22	ng		88
20) 3+4-Methylphenols	9.02	107	413340	43.11	ng		94
22) Acetophenone	9.09	105	515018	41.82	ng	#	90
24) Nitrobenzene	9.49	77	466984	39.86	ng		96
25) Isophorone	10.00	82	816201	41.67	ng		99
26) 2-Nitrophenol	10.20	139	181189	41.67	ng		92
27) 2,4-Dimethylphenol	10.24	122	330038	43.36	ng		94
28) bis(2-Chloroethoxy)methane	10.48	93	459087	45.30	ng		95
29) 2,4-Dichlorophenol	10.73	162	344658	43.14	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	376814	39.76	ng		97
31) Naphthalene	11.15	128	943458	39.45	ng		97
32) Benzoic acid	10.32	122	32276	5.09	ng	#	85
33) 4-Chloroaniline	11.25	127	224153	21.59	ng	#	93
34) Hexachlorobutadiene	11.42	225	291468	39.29	ng		98
35) Caprolactam	12.01	113	122790m	41.98	ng		
36) 4-Chloro-3-methylphenol	12.34	107	398843	41.35	ng		98
37) 2-Methylnaphthalene	12.73	142	689974	39.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	479205	39.11	ng		97
40) Hexachlorocyclopentadiene	13.06	237	598413	86.73	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	315213	42.80	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	332462	41.76	ng		94
45) 1,1'-Biphenyl	13.72	154	941278	37.34	ng		97
46) 2-Chloronaphthalene	13.77	162	773688	40.31	ng		99
47) 2-Nitroaniline	13.97	65	318597	40.54	ng		91
48) Acenaphthylene	14.61	152	1144140	38.87	ng		99
49) Dimethylphthalate	14.32	163	1456835	56.49	ng		98
50) 2,6-Dinitrotoluene	14.45	165	241263	43.82	ng	#	83
51) Acenaphthene	14.95	154	757412	34.52	ng		96
52) 3-Nitroaniline	14.79	138	163248	28.66	ng		99
53) 2,4-Dinitrophenol	14.99	184	103722	26.00	ng		96
54) Dibenzofuran	15.28	168	1188310	39.17	ng		98
55) 4-Nitrophenol	15.08	139	369534	74.45	ng	#	85
56) 2,4-Dinitrotoluene	15.23	165	344560	43.07	ng	#	95
57) Fluorene	15.93	166	962594	38.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	341099	41.32	ng		96
59) Diethylphthalate	15.68	149	1042195	38.55	ng		96
60) 4-Chlorophenyl-phenylether	15.91	204	553225	39.19	ng		98
61) 4-Nitroaniline	15.95	138	224280	36.04	ng		96
62) Azobenzene	16.20	77	1061243	39.36	ng		94
64) 4,6-Dinitro-2-methylphenol	15.99	198	165352	29.40	ng		87
65) n-Nitrosodiphenylamine	16.12	169	919423	41.20	ng		97
66) 4-Bromophenyl-phenylether	16.80	248	400893	40.46	ng		97
67) Hexachlorobenzene	16.92	284	445868	40.72	ng	#	88
68) Atrazine	17.06	200	417253	43.59	ng		98
69) Pentachlorophenol	17.27	266	520745	72.08	ng		94
70) Phenanthrene	17.67	178	1626032	39.08	ng		94
71) Anthracene	17.76	178	1627013	38.76	ng		99
72) Carbazole	18.03	167	1489841	38.92	ng		98
73) Di-n-butylphthalate	18.55	149	1685968	38.20	ng		99
74) Fluoranthene	19.66	202	2028094	38.56	ng		96
76) Benzidine	19.84	184	1090475	44.17	ng		97
77) Pyrene	20.02	202	2043117	39.89	ng		99
79) Butylbenzylphthalate	20.88	149	849128	39.76	ng		99
80) Benzo(a)anthracene	21.90	228	2268879	39.42	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	555743	23.93	ng	#	97
82) Chrysene	21.97	228	2131318	38.88	ng		100
83) Bis(2-ethylhexyl)phthalate	21.76	149	1213490	39.72	ng		99
84) Di-n-octyl phthalate	23.04	149	2057080	40.58	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	2889120	38.18	ng		99
87) Benzo(b)fluoranthene	24.25	252	2365987	38.96	ng		97
88) Benzo(k)fluoranthene	24.32	252	2255577m	38.46	ng		
89) Benzo(a)pyrene	25.19	252	2305972	38.86	ng		97
90) Dibenzo(a,h)anthracene	29.37	278	2456029	37.71	ng		98
91) Benzo(g,h,i)perylene	30.55	276	2385594	36.66	ng		98

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

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