Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
Data File : BG024142.D
Acq On : 26 Sep 2016 14:47
Operator : UM/SJ
Sample : H4887-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRACK-D-GRID-17AMSD

Quant Time: Sep 27 04:04:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57687	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	256970	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	205907	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	471060	20.00	ng		0.00
75) Chrysene-d12	21.79	240	462761	20.00	ng		0.00
86) Perylene-d12	25.12	264	450877	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	551893	165.75	ng		0.00
7) Phenol-d6	7.21	99	803761	143.46	ng		0.00
23) Nitrobenzene-d5	9.22	82	641209	98.35	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	406824	137.45	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1222682	99.82	ng		0.00
78) Terphenyl-d14	20.09	244	1880592	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	60717	47.64	ng	#	78
3) Pyridine	3.86	79	184095	40.87	ng		96
4) n-Nitrosodimethylamine	3.76	42	105188	46.07	ng	#	82
6) Aniline	7.37	93	84317	10.71	ng		96
8) 2-Chlorophenol	7.60	128	212243	53.25	ng		93
10) Phenol	7.24	94	294044	49.92	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	226665	48.80	ng		90
12) 1,3-Dichlorobenzene	7.93	146	214175	48.18	ng		97
13) 1,4-Dichlorobenzene	8.07	146	225360	49.68	ng		99
14) 1,2-Dichlorobenzene	8.40	146	219407	49.69	ng		89
15) Benzyl Alcohol	8.29	79	252949	46.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	303401	47.31	ng		97
17) 2-Methylphenol	8.50	107	213721	54.58	ng		91
18) Hexachloroethane	9.12	117	92673	48.49	ng		87
19) n-Nitroso-di-n-propylamine	8.85	70	243681	44.28	ng		97
20) 3+4-Methylphenols	8.84	107	292207	51.38	ng		95
22) Acetophenone	8.87	105	347055	46.81	ng	#	95
24) Nitrobenzene	9.27	77	360910	51.64	ng		95
25) Isophorone	9.78	82	642755	48.33	ng		96
26) 2-Nitrophenol	9.98	139	128264	51.74	ng	#	89
27) 2,4-Dimethylphenol	10.04	122	227771	54.95	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	341282	52.78	ng		97
29) 2,4-Dichlorophenol	10.53	162	250807	58.13	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	236972	51.32	ng		98
31) Naphthalene	10.92	128	742370	57.03	ng		99
32) Benzoic acid	10.25	122	160944	48.95	ng		96
33) 4-Chloroaniline	11.07	127	18824	3.24	ng	#	89
34) Hexachlorobutadiene	11.19	225	170226	46.83	ng		97
35) Caprolactam	11.84	113	76549m	43.62	ng		
36) 4-Chloro-3-methylphenol	12.19	107	332875	54.83	ng		99
37) 2-Methylnaphthalene	12.53	142	541224	54.30	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	271500	45.16	ng		98
40) Hexachlorocyclopentadiene	12.87	237	260580	87.74	ng		98
42) 2,4,6-Trichlorophenol	13.15	196	214092	55.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	232262	58.06	ng		91
45) 1,1'-Biphenyl	13.54	154	666586	47.34	ng		97
46) 2-Chloronaphthalene	13.59	162	576991	54.88	ng		98
47) 2-Nitroaniline	13.81	65	253952	51.91	ng		93
48) Acenaphthylene	14.44	152	937494	52.53	ng		100
49) Dimethylphthalate	14.17	163	843592	53.40	ng		99
50) 2,6-Dinitrotoluene	14.30	165	189116	56.99	ng		96
51) Acenaphthene	14.78	154	600114	55.44	ng		94
52) 3-Nitroaniline	14.65	138	16244	4.90	ng		86
53) 2,4-Dinitrophenol	14.86	184	202998	82.56	ng		94
54) Dibenzofuran	15.12	168	973965	57.79	ng		100
55) 4-Nitrophenol	14.98	139	227028	85.85	ng		93
56) 2,4-Dinitrotoluene	15.10	165	273851	54.24	ng		89
57) Fluorene	15.77	166	801557	54.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	220704	57.13	ng		91
59) Diethylphthalate	15.53	149	885928	52.08	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	414546	52.75	ng		97
61) 4-Nitroaniline	15.82	138	108956	31.74	ng	#	86
62) Azobenzene	16.05	77	1004072	58.09	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	160068	48.93	ng		86
65) n-Nitrosodiphenylamine	15.98	169	619367	48.06	ng		94
66) 4-Bromophenyl-phenylether	16.66	248	291213	53.30	ng		96
67) Hexachlorobenzene	16.79	284	298340	48.46	ng		95
68) Atrazine	16.93	200	201747	35.46	ng		96
69) Pentachlorophenol	17.14	266	348727	107.99	ng		98
70) Phenanthrene	17.53	178	1327277	55.32	ng		99
71) Anthracene	17.62	178	1340064	54.37	ng		99
72) Carbazole	17.90	167	1129434	49.23	ng		98
73) Di-n-butylphthalate	18.43	149	1460214	48.62	ng		98
74) Fluoranthene	19.54	202	1526917	48.75	ng		97
77) Pyrene	19.90	202	1487833	46.04	ng		98
79) Butylbenzylphthalate	20.77	149	639541	53.75	ng		98
80) Benzo(a)anthracene	21.77	228	1442152	54.74	ng		95
81) 3,3'-Dichlorobenzidine	21.68	252	56806	6.02	ng		95
82) Chrysene	21.84	228	1365675	55.15	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	886653	62.37	ng	#	96
84) Di-n-octyl phthalate	22.88	149	1536445	62.64	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1684954	61.02	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1482286	56.51	ng	#	95
88) Benzo(k)fluoranthene	24.13	252	1441239	55.32	ng	#	97
89) Benzo(a)pyrene	24.97	252	1433873	56.55	ng	#	96
90) Dibenzo(a,h)anthracene	29.00	278	1398641	55.24	ng	#	95
91) Benzo(g,h,i)perylene	30.14	276	1381917	54.17	ng	#	93

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

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