Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020996.D
Acq On : 20 Feb 2016 6:44
Operator : SJ/UM
Sample : H1520-05MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Manual Integrations APPROVED
UMANGI
2/22/2016 10:55:46 AM

Quant Time: Feb 21 23:27:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20542	20.00	ng		-0.01
21) Naphthalene-d8	11.09	136	103674	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	66925	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	144938	20.00	ng		-0.01
75) Chrysene-d12	21.89	240	135648	20.00	ng		-0.02
86) Perylene-d12	25.26	264	127461	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	177968	145.90	ng		0.00
7) Phenol-d6	7.41	99	250650	140.59	ng		0.00
23) Nitrobenzene-d5	9.43	82	133822	84.87	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	96273	146.28	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	323793	67.96	ng		-0.01
78) Terphenyl-d14	20.19	244	457186	78.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	16566	37.35	ng		98
3) Pyridine	4.04	79	10127	7.72	ng		96
4) n-Nitrosodimethylamine	3.95	42	14431	42.05	ng		96
6) Aniline	7.57	93	38425	17.28	ng		99
8) 2-Chlorophenol	7.82	128	71836	47.14	ng		98
9) Benzaldehyde	7.39	77	11901	13.33	ng		97
10) Phenol	7.43	94	91031	48.25	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	63773	42.32	ng		96
12) 1,3-Dichlorobenzene	8.15	146	65693	40.78	ng		98
13) 1,4-Dichlorobenzene	8.30	146	68059	41.66	ng		97
14) 1,2-Dichlorobenzene	8.62	146	65911	41.48	ng		98
15) Benzyl Alcohol	8.50	79	53708	47.79	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.79	45	61059	38.84	ng		99
17) 2-Methylphenol	8.70	107	63997	47.08	ng		98
18) Hexachloroethane	9.35	117	23058	41.05	ng		98
19) n-Nitroso-di-n-propylamine	9.06	70	48415	42.09	ng	#	98
20) 3+4-Methylphenols	9.03	107	89944	47.49	ng		99
22) Acetophenone	9.08	105	100345	40.15	ng	#	98
24) Nitrobenzene	9.47	77	67900	41.31	ng		100
25) Isophorone	10.00	82	139967	42.11	ng		98
26) 2-Nitrophenol	10.19	139	40138	46.40	ng		97
27) 2,4-Dimethylphenol	10.24	122	74866	45.17	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	93414	45.61	ng		99
29) 2,4-Dichlorophenol	10.72	162	75417	50.77	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	63684	42.56	ng		97
31) Naphthalene	11.13	128	230333	42.95	ng		99
32) Benzoic acid	10.36	122	45930	34.55	ng		98
33) 4-Chloroaniline	11.24	127	22924	9.94	ng		99
34) Hexachlorobutadiene	11.41	225	31634	41.48	ng		99
35) Caprolactam	12.01	113	28584m	50.22	ng		
36) 4-Chloro-3-methylphenol	12.34	107	86211	50.65	ng		99
37) 2-Methylnaphthalene	12.72	142	177175	47.08	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	75211	38.31	ng		99
40) Hexachlorocyclopentadiene	13.06	237	69093	80.00	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	62407	47.32 ng	99
43) 2,4,5-Trichlorophenol	13.39	196	67183	48.45 ng	98
45) 1,1'-Biphenyl	13.71	154	230430	39.03 ng	98
46) 2-Chloronaphthalene	13.76	162	174704	41.33 ng	99
47) 2-Nitroaniline	13.96	65	47810	47.23 ng	97
48) Acenaphthylene	14.60	152	311191	42.34 ng	99
49) Dimethylphthalate	14.32	163	310090	59.25 ng	100
50) 2,6-Dinitrotoluene	14.44	165	53423	47.64 ng	98
51) Acenaphthene	14.94	154	190250	42.69 ng	99
52) 3-Nitroaniline	14.78	138	43155	33.12 ng	100
53) 2,4-Dinitrophenol	14.98	184	47092	97.03 ng	91
54) Dibenzofuran	15.27	168	285159	48.37 ng	99
55) 4-Nitrophenol	15.08	139	100118	101.73 ng	97
56) 2,4-Dinitrotoluene	15.22	165	74203	51.19 ng	98
57) Fluorene	15.92	166	245940	45.31 ng	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	58255	55.13 ng	99
59) Diethylphthalate	15.67	149	246142	45.75 ng	98
60) 4-Chlorophenyl-phenylether	15.90	204	106506	44.18 ng	97
61) 4-Nitroaniline	15.93	138	61789	47.24 ng	97
62) Azobenzene	16.19	77	200697	47.45 ng	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	32877	45.02 ng	96
65) n-Nitrosodiphenylamine	16.12	169	200698	42.86 ng	99
66) 4-Bromophenyl-phenylether	16.79	248	65455	42.76 ng	98
67) Hexachlorobenzene	16.92	284	73089	44.87 ng	98
68) Atrazine	17.05	200	65477	46.08 ng	97
69) Pentachlorophenol	17.26	266	84585	90.58 ng	98
70) Phenanthrene	17.66	178	365198	44.26 ng	99
71) Anthracene	17.74	178	361299	43.14 ng	100
72) Carbazole	18.01	167	340038	45.24 ng	99
73) Di-n-butylphthalate	18.54	149	408763	42.41 ng	100
74) Fluoranthene	19.64	202	390552	43.81 ng	99
76) Benzidine	19.82	184	13977	3.19 ng	95
77) Pyrene	20.01	202	402112	44.94 ng	99
79) Butylbenzylphthalate	20.87	149	186979	43.65 ng	100
80) Benzo(a)anthracene	21.87	228	358239	44.24 ng	98
81) 3,3'-Dichlorobenzidine	21.77	252	58187	19.36 ng	95
82) Chrysene	21.94	228	318623	41.84 ng	100
83) Bis(2-ethylhexyl)phthalate	21.75	149	277875	43.75 ng	99
84) Di-n-octyl phthalate	23.01	149	468435	44.93 ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	379973	43.38 ng	97
87) Benzo(b)fluoranthene	24.18	252	347385	44.53 ng	99
88) Benzo(k)fluoranthene	24.26	252	332935	43.56 ng	99
89) Benzo(a)pyrene	25.10	252	328448	44.19 ng	99
90) Dibenzo(a,h)anthracene	29.19	278	313011	43.31 ng	99
91) Benzo(g,h,i)perylene	30.34	276	302336	42.14 ng	96

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

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