Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021631.D
Acq On : 13 Apr 2016 21:32
Operator : UM/SJ
Sample : PB89734BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89734BS

Manual Integrations APPROVED
Sohil
4/14/2016 5:30:39 PM

Quant Time: Apr 14 11:07:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31272	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	140045	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	91430	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	221657	20.00	ng		0.00
75) Chrysene-d12	21.83	240	254617	20.00	ng		0.00
86) Perylene-d12	25.16	264	250962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	160457	85.44	ng		0.00
7) Phenol-d6	7.36	99	239425	85.35	ng		0.00
23) Nitrobenzene-d5	9.38	82	207695	76.23	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	87819	89.12	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	487768	78.16	ng		0.00
78) Terphenyl-d14	20.15	244	804543	78.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	23756	28.42	ng		89
3) Pyridine	4.04	79	76315	30.42	ng		93
4) n-Nitrosodimethylamine	3.95	42	42534	34.21	ng	#	85
6) Aniline	7.54	93	71879	19.37	ng		95
8) 2-Chlorophenol	7.78	128	90727	40.30	ng		97
9) Benzaldehyde	7.35	77	19542	12.05	ng		86
10) Phenol	7.39	94	128032	42.44	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	85894	35.57	ng		97
12) 1,3-Dichlorobenzene	8.11	146	87399	34.76	ng		94
13) 1,4-Dichlorobenzene	8.26	146	90347	35.30	ng		94
14) 1,2-Dichlorobenzene	8.58	146	87802	35.76	ng		98
15) Benzyl Alcohol	8.45	79	92753	43.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	174659	33.77	ng		96
17) 2-Methylphenol	8.65	107	85749	41.11	ng		92
18) Hexachloroethane	9.31	117	33110	35.54	ng	#	74
19) n-Nitroso-di-n-propylamine	9.02	70	78463	36.00	ng	#	96
20) 3+4-Methylphenols	8.97	107	118622	41.56	ng		96
22) Acetophenone	9.04	105	138014	35.38	ng	#	98
24) Nitrobenzene	9.43	77	108471	37.18	ng		95
25) Isophorone	9.95	82	217223	36.43	ng		99
26) 2-Nitrophenol	10.14	139	43407	38.97	ng		95
27) 2,4-Dimethylphenol	10.18	122	103886	41.06	ng		94
28) bis(2-Chloroethoxy)methane	10.43	93	124546	39.31	ng		91
29) 2,4-Dichlorophenol	10.67	162	95337	44.20	ng		95
30) 1,2,4-Trichlorobenzene	10.89	180	87258	37.62	ng		94
31) Naphthalene	11.09	128	284255	37.93	ng	#	94
32) Benzoic acid	10.30	122	61987m	44.06	ng		
33) 4-Chloroaniline	11.18	127	37977	11.71	ng		95
34) Hexachlorobutadiene	11.36	225	55209	36.90	ng		95
35) Caprolactam	11.95	113	40196m	40.72	ng		
36) 4-Chloro-3-methylphenol	12.29	107	117379	43.27	ng		99
37) 2-Methylnaphthalene	12.67	142	208547	40.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	103139	36.10	ng	#	98
40) Hexachlorocyclopentadiene	13.01	237	136355	85.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	76097	41.76	ng		97
43) 2,4,5-Trichlorophenol	13.33	196	86348	43.92	ng		98
45) 1,1'-Biphenyl	13.67	154	285116	37.01	ng		97
46) 2-Chloronaphthalene	13.71	162	218432	38.35	ng		97
47) 2-Nitroaniline	13.91	65	84575	43.31	ng		97
48) Acenaphthylene	14.55	152	368655	39.15	ng		97
49) Dimethylphthalate	14.28	163	310041	39.22	ng		99
50) 2,6-Dinitrotoluene	14.39	165	66322	44.00	ng		96
51) Acenaphthene	14.89	154	259148	43.05	ng		98
52) 3-Nitroaniline	14.72	138	30230	18.08	ng		100
53) 2,4-Dinitrophenol	14.92	184	53078	90.46	ng		94
54) Dibenzofuran	15.22	168	359324	43.72	ng		98
55) 4-Nitrophenol	15.01	139	130135	90.91	ng		98
56) 2,4-Dinitrotoluene	15.18	165	92911	45.61	ng	#	99
57) Fluorene	15.87	166	297626	40.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	80944	49.62	ng		99
59) Diethylphthalate	15.63	149	326047	39.52	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	143902	39.80	ng		97
61) 4-Nitroaniline	15.88	138	75343	40.96	ng		97
62) Azobenzene	16.15	77	311463	44.05	ng		99
64) 4,6-Dinitro-2-methylphenol	15.93	198	36846	40.82	ng		97
65) n-Nitrosodiphenylamine	16.06	169	273317	41.11	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	96117	40.47	ng		98
67) Hexachlorobenzene	16.86	284	99714	39.77	ng		97
68) Atrazine	17.00	200	97496	37.14	ng		98
69) Pentachlorophenol	17.20	266	126769	88.57	ng		97
70) Phenanthrene	17.60	178	495560	40.57	ng		98
71) Anthracene	17.70	178	504313	40.67	ng		97
72) Carbazole	17.96	167	478734	41.36	ng		99
73) Di-n-butylphthalate	18.51	149	582469	39.56	ng		99
74) Fluoranthene	19.59	202	588140	40.32	ng		99
76) Benzidine	19.77	184	167262	21.10	ng		99
77) Pyrene	19.95	202	603318	41.09	ng		99
79) Butylbenzylphthalate	20.83	149	276063	40.51	ng		98
80) Benzo(a)anthracene	21.82	228	599104	40.89	ng		100
81) 3,3'-Dichlorobenzidine	21.72	252	117306	10.11	ng		99
82) Chrysene	21.88	228	549964	39.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	397914	39.92	ng		98
84) Di-n-octyl phthalate	22.96	149	687463	41.17	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	681526	40.72	ng		99
87) Benzo(b)fluoranthene	24.10	252	593907	40.78	ng		99
88) Benzo(k)fluoranthene	24.17	252	586041	41.16	ng		99
89) Benzo(a)pyrene	25.01	252	581859	41.24	ng		99
90) Dibenzo(a,h)anthracene	29.05	278	570227	40.31	ng		97
91) Benzo(g,h,i)perylene	30.18	276	567782	40.90	ng		97

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

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