Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021699.D
Acq On : 15 Apr 2016 23:54
Operator : UM/SJ
Sample : H2559-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R09-CS-1(0-32FTBGS)

Manual Integrations APPROVED
Sohil
4/18/2016 7:19:00 PM

Quant Time: Apr 16 03:37:05 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	8.21	152	30386	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	124813	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	81056	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	208277	20.00	ng		0.00
75) Chrysene-d12	21.83	240	228677	20.00	ng		0.00
86) Perylene-d12	25.16	264	226458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	248621	136.25	ng		0.02
7) Phenol-d6	7.38	99	339629	124.61	ng		0.02
23) Nitrobenzene-d5	9.39	82	229342	94.45	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	165040	188.92	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	526834	95.23	ng		0.00
78) Terphenyl-d14	20.15	244	881087	96.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	25486	31.38	ng	#	46
3) Pyridine	4.05	79	66848	27.43	ng		91
4) n-Nitrosodimethylamine	3.95	42	44260	36.64	ng	#	82
6) Aniline	7.54	93	109662	30.42	ng		95
8) 2-Chlorophenol	7.78	128	92383	42.23	ng		95
9) Benzaldehyde	7.35	77	26189	16.62	ng		94
10) Phenol	7.41	94	114663	39.11	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	91284	38.91	ng		94
12) 1,3-Dichlorobenzene	8.11	146	92740	37.96	ng		96
13) 1,4-Dichlorobenzene	8.25	146	94578	38.03	ng		95
14) 1,2-Dichlorobenzene	8.57	146	93491	39.18	ng		99
15) Benzyl Alcohol	8.45	79	94477	45.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	176366	35.09	ng		100
17) 2-Methylphenol	8.66	107	86340	42.60	ng		93
18) Hexachloroethane	9.31	117	34738	38.38	ng	#	72
19) n-Nitroso-di-n-propylamine	9.02	70	80582	38.05	ng	#	95
20) 3+4-Methylphenols	8.99	107	118469	42.71	ng		98
22) Acetophenone	9.04	105	146370	42.10	ng	#	98
24) Nitrobenzene	9.43	77	113965	43.83	ng		95
25) Isophorone	9.95	82	222932	41.95	ng		98
26) 2-Nitrophenol	10.14	139	51602	51.98	ng		98
27) 2,4-Dimethylphenol	10.20	122	98123	43.52	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	130467	46.20	ng		92
29) 2,4-Dichlorophenol	10.68	162	97256	50.59	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	91654	44.34	ng		95
31) Naphthalene	11.09	128	295979	44.31	ng	#	94
32) Benzoic acid	10.33	122	56703	44.93	ng		97
33) 4-Chloroaniline	11.19	127	48101	16.63	ng		98
34) Hexachlorobutadiene	11.36	225	58010	43.51	ng		94
35) Caprolactam	11.99	113	36251m	41.21	ng		
36) 4-Chloro-3-methylphenol	12.30	107	121949	50.44	ng		99
37) 2-Methylnaphthalene	12.67	142	219264	47.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	108922	43.00	ng		98
40) Hexachlorocyclopentadiene	13.01	237	145692	103.54	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	80488	49.83	ng		99
43) 2,4,5-Trichlorophenol	13.35	196	90206	51.75	ng		95
45) 1,1'-Biphenyl	13.67	154	291184	42.64	ng		97
46) 2-Chloronaphthalene	13.71	162	222402	44.05	ng		99
47) 2-Nitroaniline	13.91	65	90503	52.28	ng		97
48) Acenaphthylene	14.55	152	376935	45.16	ng		98
49) Dimethylphthalate	14.28	163	322458	46.01	ng		98
50) 2,6-Dinitrotoluene	14.39	165	71266	53.33	ng		99
51) Acenaphthene	14.89	154	278769m	52.24	ng		
52) 3-Nitroaniline	14.73	138	59224	39.96	ng		98
53) 2,4-Dinitrophenol	14.93	184	73465	137.04	ng		95
54) Dibenzofuran	15.22	168	380821	52.26	ng		100
55) 4-Nitrophenol	15.04	139	131513	103.64	ng		99
56) 2,4-Dinitrotoluene	15.18	165	106039	58.71	ng		95
57) Fluorene	15.86	166	315170	48.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	85444	59.08	ng		100
59) Diethylphthalate	15.63	149	358527	49.01	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	154153	48.09	ng		98
61) 4-Nitroaniline	15.89	138	84576	51.86	ng		98
62) Azobenzene	16.14	77	323292	51.57	ng		99
64) 4,6-Dinitro-2-methylphenol	15.93	198	52513	59.13	ng		98
65) n-Nitrosodiphenylamine	16.07	169	289547	46.35	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	105206	47.15	ng		95
67) Hexachlorobenzene	16.86	284	109604	46.53	ng		94
68) Atrazine	17.01	200	113225	45.90	ng		99
69) Pentachlorophenol	17.21	266	124854	92.84	ng		95
70) Phenanthrene	17.60	178	541206	47.15	ng		98
71) Anthracene	17.69	178	545931	46.85	ng		97
72) Carbazole	17.96	167	511917	47.07	ng		98
73) Di-n-butylphthalate	18.50	149	633762	45.81	ng		99
74) Fluoranthene	19.59	202	623749	45.51	ng		98
76) Benzidine	19.77	184	29115	4.09	ng	#	90
77) Pyrene	19.95	202	633915	48.08	ng		99
79) Butylbenzylphthalate	20.82	149	287874	47.03	ng		99
80) Benzo(a)anthracene	21.81	228	623043	47.34	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	112746	10.82	ng		100
82) Chrysene	21.88	228	575811	45.54	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	411213	45.93	ng		98
84) Di-n-octyl phthalate	22.95	149	714182	47.62	ng		99
85) Indeno(1,2,3-cd)pyrene	28.98	276	725955	48.30	ng	#	96
87) Benzo(b)fluoranthene	24.11	252	639413	48.66	ng		99
88) Benzo(k)fluoranthene	24.18	252	595791	46.37	ng		98
89) Benzo(a)pyrene	25.01	252	609856	47.90	ng		97
90) Dibenzo(a,h)anthracene	29.05	278	608820	47.70	ng		97
91) Benzo(g,h,i)perylene	30.19	276	595208	47.52	ng		96

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

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