Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021713.D
Acq On : 16 Apr 2016 12:03
Operator : UM/SJ
Sample : H2559-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/18/2016 7:21:52 PM

Quant Time: Apr 18 02:19:06 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	27170	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	121815	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	77003	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	178027	20.00	ng		0.00
75) Chrysene-d12	21.83	240	192063	20.00	ng		0.00
86) Perylene-d12	25.17	264	192610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	223200	136.80	ng		0.01
7) Phenol-d6	7.37	99	324723	133.24	ng		0.02
23) Nitrobenzene-d5	9.38	82	198267	83.66	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	126467	152.39	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	420582	80.03	ng		0.00
78) Terphenyl-d14	20.14	244	598533	77.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	21408	29.48	ng	#	78
3) Pyridine	4.04	79	68772	31.56	ng		91
4) n-Nitrosodimethylamine	3.95	42	39014	36.12	ng	#	82
6) Aniline	7.54	93	53098	16.47	ng		96
8) 2-Chlorophenol	7.78	128	83149	42.51	ng		95
9) Benzaldehyde	7.35	77	22854	16.22	ng		92
10) Phenol	7.40	94	115011	43.88	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	77898	37.13	ng		95
12) 1,3-Dichlorobenzene	8.10	146	83575	38.26	ng		94
13) 1,4-Dichlorobenzene	8.26	146	86012	38.68	ng		94
14) 1,2-Dichlorobenzene	8.57	146	84446	39.58	ng		98
15) Benzyl Alcohol	8.46	79	83440	44.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	153655	34.19	ng		98
17) 2-Methylphenol	8.66	107	76159	42.02	ng		92
18) Hexachloroethane	9.30	117	31294	38.66	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	67621	35.71	ng		97
20) 3+4-Methylphenols	8.98	107	104998	42.34	ng		95
22) Acetophenone	9.04	105	126084	37.16	ng	#	99
24) Nitrobenzene	9.43	77	98574	38.85	ng		95
25) Isophorone	9.95	82	190403	36.71	ng		98
26) 2-Nitrophenol	10.14	139	45495	46.96	ng		96
27) 2,4-Dimethylphenol	10.20	122	81518	37.04	ng		99
28) bis(2-Chloroethoxy)methane	10.42	93	111017	40.28	ng		92
29) 2,4-Dichlorophenol	10.68	162	85581	45.61	ng		99
30) 1,2,4-Trichlorobenzene	10.89	180	84977	42.12	ng		93
31) Naphthalene	11.08	128	260600	39.97	ng	#	93
32) Benzoic acid	10.26	122	7966	11.32	ng		96
33) 4-Chloroaniline	11.19	127	39479	13.99	ng		98
34) Hexachlorobutadiene	11.36	225	53821	41.36	ng		95
35) Caprolactam	11.96	113	31196m	36.33	ng		
36) 4-Chloro-3-methylphenol	12.30	107	99439	42.14	ng		99
37) 2-Methylnaphthalene	12.67	142	190149	42.49	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	97394	40.47	ng		98
40) Hexachlorocyclopentadiene	13.01	237	73792	55.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	69890	45.54	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	75029	45.31	ng		96
45) 1,1'-Biphenyl	13.66	154	246768	38.04	ng		96
46) 2-Chloronaphthalene	13.71	162	191861	40.00	ng		99
47) 2-Nitroaniline	13.91	65	71334	43.37	ng		97
48) Acenaphthylene	14.55	152	313958	39.59	ng		98
49) Dimethylphthalate	14.27	163	287162	43.13	ng		99
50) 2,6-Dinitrotoluene	14.40	165	55634	43.82	ng		97
51) Acenaphthene	14.89	154	204093	40.26	ng		98
52) 3-Nitroaniline	14.73	138	39983	28.40	ng		99
53) 2,4-Dinitrophenol	14.92	184	18272	41.38	ng		91
54) Dibenzofuran	15.22	168	305370	44.11	ng		96
55) 4-Nitrophenol	15.04	139	98593	81.78	ng		98
56) 2,4-Dinitrotoluene	15.18	165	78506	45.76	ng	#	99
57) Fluorene	15.86	166	253445	41.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	67920	49.44	ng		99
59) Diethylphthalate	15.62	149	260964	37.55	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	121694	39.96	ng		97
61) 4-Nitroaniline	15.88	138	56419	36.42	ng		96
62) Azobenzene	16.15	77	250198	42.01	ng		97
64) 4,6-Dinitro-2-methylphenol	15.94	198	24826	35.12	ng		93
65) n-Nitrosodiphenylamine	16.06	169	224923	42.13	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	80686	42.30	ng		93
67) Hexachlorobenzene	16.86	284	85268	42.35	ng		94
68) Atrazine	17.00	200	86200	40.88	ng		99
69) Pentachlorophenol	17.21	266	91140	79.28	ng		93
70) Phenanthrene	17.60	178	397802	40.54	ng		98
71) Anthracene	17.69	178	402245	40.38	ng		98
72) Carbazole	17.96	167	370952	39.90	ng		99
73) Di-n-butylphthalate	18.50	149	441905	37.37	ng		98
74) Fluoranthene	19.60	202	439673	37.53	ng		100
76) Benzidine	19.77	184	181880	30.41	ng		99
77) Pyrene	19.96	202	449421	40.58	ng		98
79) Butylbenzylphthalate	20.82	149	200678	39.04	ng		97
80) Benzo(a)anthracene	21.82	228	448320	40.56	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	56584	6.47	ng		96
82) Chrysene	21.88	228	410010	38.61	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	306140	40.72	ng		99
84) Di-n-octyl phthalate	22.94	149	513280	40.75	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	510237	40.42	ng	#	96
87) Benzo(b)fluoranthene	24.11	252	445117	39.83	ng		97
88) Benzo(k)fluoranthene	24.18	252	425342	38.92	ng		99
89) Benzo(a)pyrene	25.02	252	425072	39.26	ng		97
90) Dibenzo(a,h)anthracene	29.06	278	431821	39.77	ng		99
91) Benzo(g,h,i)perylene	30.20	276	411196	38.60	ng		97

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

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