Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016519.D
Acq On : 18 Apr 2015 11:48
Operator : TP/IZ
Sample : G1868-03MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-27MS

Manual Integrations APPROVED
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4/20/2015 3:59:31 PM

Quant Time: Apr 20 03:51:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 02:16:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	72948	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	309430	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	171655	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	347201	20.00	ng	0.00
75) Chrysene-d12	21.23	240	309651	20.00	ng	0.00
86) Perylene-d12	23.46	264	296239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	575677	124.55	ng	0.00
7) Phenol-d6	6.85	99	749495	108.01	ng	0.00
23) Nitrobenzene-d5	8.82	82	433976	81.25	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	158315	136.37	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	902391	89.51	ng	0.00
78) Terphenyl-d14	19.67	244	1012757	76.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	68651	32.67	ng	# 91
3) Pyridine	3.54	79	188384	30.00	ng	96
4) n-Nitrosodimethylamine	3.45	42	64170	34.37	ng	96
6) Aniline	6.99	93	121289	12.24	ng	98
8) 2-Chlorophenol	7.23	128	225914	40.70	ng	93
9) Benzaldehyde	6.80	77	34937	8.60	ng	99
10) Phenol	6.88	94	259183	34.91	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	210616	35.58	ng	98
12) 1,3-Dichlorobenzene	7.55	146	202125	36.06	ng	97
13) 1,4-Dichlorobenzene	7.69	146	206846	35.57	ng	96
14) 1,2-Dichlorobenzene	8.01	146	201685	36.27	ng	97
15) Benzyl Alcohol	7.91	79	169146	34.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	215387	32.31	ng	96
17) 2-Methylphenol	8.12	107	185666	37.29	ng	98
18) Hexachloroethane	8.73	117	75409	33.90	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	155031	31.18	ng	97
20) 3+4-Methylphenols	8.45	107	247689	35.92	ng	98
22) Acetophenone	8.48	105	295528	41.19	ng	98
24) Nitrobenzene	8.86	77	219098	38.36	ng	94
25) Isophorone	9.37	82	424335	35.77	ng	97
26) 2-Nitrophenol	9.57	139	123826	46.49	ng	95
27) 2,4-Dimethylphenol	9.64	122	213615	43.05	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	259891	38.38	ng	99
29) 2,4-Dichlorophenol	10.10	162	185941	47.36	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	176318	43.02	ng	100
31) Naphthalene	10.50	128	644034	39.94	ng	99
32) Benzoic acid	9.79	122	65932	25.40	ng	93
33) 4-Chloroaniline	10.62	127	32046	4.24	ng	96
34) Hexachlorobutadiene	10.78	225	75906	42.16	ng	97
35) Caprolactam	11.38	113	80953m	32.75	ng	
36) 4-Chloro-3-methylphenol	11.75	107	217575	41.95	ng	96
37) 2-Methylnaphthalene	12.11	142	468506	40.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	161429	42.71	ng	100
40) Hexachlorocyclopentadiene	12.46	237	130131	75.23	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	129291	46.04	ng	99
43) 2,4,5-Trichlorophenol	12.81	196	142615	47.53	ng	96
45) 1,1'-Biphenyl	13.13	154	561869	42.67	ng	98
46) 2-Chloronaphthalene	13.18	162	425765	42.45	ng	100
47) 2-Nitroaniline	13.39	65	128571	39.77	ng	89
48) Acenaphthylene	14.02	152	725482	40.67	ng	99
49) Dimethylphthalate	13.77	163	521638	41.46	ng	99
50) 2,6-Dinitrotoluene	13.89	165	130986	43.05	ng	96
51) Acenaphthene	14.37	154	444603	41.71	ng	98
52) 3-Nitroaniline	14.22	138	50669	13.04	ng	88
53) 2,4-Dinitrophenol	14.43	184	82670	50.36	ng	92
54) Dibenzofuran	14.70	168	629856	42.58	ng	99
55) 4-Nitrophenol	14.55	139	217629	67.77	ng	96
56) 2,4-Dinitrotoluene	14.68	165	184707	44.57	ng	89
57) Fluorene	15.35	166	550404	42.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	103180	44.56	ng	94
59) Diethylphthalate	15.13	149	543386	40.58	ng	100
60) 4-Chlorophenyl-phenylether	15.34	204	224141	41.99	ng	98
61) 4-Nitroaniline	15.38	138	161395	36.59	ng	99
62) Azobenzene	15.64	77	552624	38.77	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	75821	32.40	ng	94
65) n-Nitrosodiphenylamine	15.57	169	487581	41.54	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	117592	42.42	ng	94
67) Hexachlorobenzene	16.35	284	118431	41.10	ng	99
68) Atrazine	16.52	200	152789	46.71	ng	99
69) Pentachlorophenol	16.71	266	115156	65.45	ng	98
70) Phenanthrene	17.09	178	807138	41.33	ng	99
71) Anthracene	17.18	178	818641	42.30	ng	100
72) Carbazole	17.45	167	839361	43.21	ng	99
73) Di-n-butylphthalate	18.01	149	987135	41.53	ng	100
74) Fluoranthene	19.10	202	839005	41.68	ng	97
76) Benzidine	19.30	184	126698	9.65	ng	97
77) Pyrene	19.47	202	868384	40.27	ng	100
79) Butylbenzylphthalate	20.37	149	469188	44.29	ng	97
80) Benzo(a)anthracene	21.21	228	757410	41.39	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	121114	20.12	ng	100
82) Chrysene	21.27	228	725680	41.07	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	658342	45.91	ng	98
84) Di-n-octyl phthalate	22.01	149	1102779	47.20	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	812373	44.26	ng	99
87) Benzo(b)fluoranthene	22.79	252	747984	43.11	ng	99
88) Benzo(k)fluoranthene	22.83	252	694083	40.88	ng	99
89) Benzo(a)pyrene	23.36	252	709671	43.64	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	678431	42.88	ng	98
91) Benzo(g,h,i)perylene	26.44	276	686812	43.45	ng	98

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

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