Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017669.D
Acq On : 13 Jun 2015 11:17
Operator : TP/IZ
Sample : G2592-09MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-C2MSD

Manual Integrations APPROVED
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6/15/2015 4:40:38 PM

Quant Time: Jun 15 05:14:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19581	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	80259	20.00	ng		0.00
38) Acenaphthene-d10	14.21	164	63009	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	177794	20.00	ng		0.00
75) Chrysene-d12	21.16	240	273359	20.00	ng		0.00
86) Perylene-d12	23.36	264	269345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	142141	140.59	ng		0.00
7) Phenol-d6	6.74	99	184716	124.69	ng		0.00
23) Nitrobenzene-d5	8.69	82	168506	88.13	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	150434	138.31	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	392774	86.22	ng		0.00
78) Terphenyl-d14	19.61	244	1051820	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	17161	34.08	ng	#	88
3) Pyridine	3.36	79	42676	32.74	ng		96
4) n-Nitrosodimethylamine	3.28	42	33450	44.62	ng	#	97
6) Aniline	6.85	93	51592	26.15	ng		94
8) 2-Chlorophenol	7.10	128	56322	45.90	ng		89
9) Benzaldehyde	6.67	77	42092	42.03	ng		90
10) Phenol	6.77	94	64094	41.59	ng		88
11) bis(2-Chloroethyl)ether	6.96	93	48671	42.60	ng		94
12) 1,3-Dichlorobenzene	7.41	146	61275	42.74	ng		91
13) 1,4-Dichlorobenzene	7.56	146	60999	40.39	ng	#	90
14) 1,2-Dichlorobenzene	7.88	146	60760	43.29	ng		92
15) Benzyl Alcohol	7.78	79	71315	43.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.07	45	19916	43.52	ng		94
17) 2-Methylphenol	8.01	107	48049	43.03	ng		93
18) Hexachloroethane	8.59	117	28563	45.55	ng		93
19) n-Nitroso-di-n-propylamine	8.34	70	55982	42.13	ng	#	95
20) 3+4-Methylphenols	8.34	107	66670	43.38	ng	#	71
22) Acetophenone	8.36	105	87794	41.50	ng	#	93
24) Nitrobenzene	8.73	77	88566	42.76	ng		95
25) Isophorone	9.26	82	146333	40.75	ng		96
26) 2-Nitrophenol	9.44	139	34615	43.48	ng		95
27) 2,4-Dimethylphenol	9.53	122	52965	41.36	ng		96
28) bis(2-Chloroethoxy)methane	9.75	93	66920	43.02	ng	#	96
29) 2,4-Dichlorophenol	10.00	162	64449	47.20	ng		98
30) 1,2,4-Trichlorobenzene	10.19	180	71860	40.72	ng		96
31) Naphthalene	10.37	128	173109	39.96	ng	#	94
32) Benzoic acid	9.70	122	17840	23.44	ng	#	63
33) 4-Chloroaniline	10.50	127	14618	8.24	ng		96
34) Hexachlorobutadiene	10.65	225	61450	40.59	ng		98
35) Caprolactam	11.27	113	18957m	29.15	ng		
36) 4-Chloro-3-methylphenol	11.66	107	76978	44.09	ng		92
37) 2-Methylnaphthalene	12.00	142	140252	40.50	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	109134	43.03	ng		95
40) Hexachlorocyclopentadiene	12.35	237	84738	78.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.64	196	66111	42.02	ng		97
43) 2,4,5-Trichlorophenol	12.72	196	69236	42.08	ng		93
45) 1,1'-Biphenyl	13.03	154	193466	41.87	ng		97
46) 2-Chloronaphthalene	13.07	162	153585	40.06	ng		99
47) 2-Nitroaniline	13.29	65	59780	44.16	ng		93
48) Acenaphthylene	13.93	152	257137	39.46	ng		98
49) Dimethylphthalate	13.68	163	230359	42.70	ng		98
50) 2,6-Dinitrotoluene	13.80	165	50713	42.87	ng		93
51) Acenaphthene	14.27	154	151902	39.25	ng		97
52) 3-Nitroaniline	14.13	138	27201	25.73	ng		90
53) 2,4-Dinitrophenol	14.35	184	54547	75.45	ng		96
54) Dibenzofuran	14.61	168	274693	42.99	ng		96
55) 4-Nitrophenol	14.49	139	53861	70.25	ng		87
56) 2,4-Dinitrotoluene	14.60	165	76915	44.79	ng		92
57) Fluorene	15.26	166	227111	41.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	82049m	45.79	ng		
59) Diethylphthalate	15.05	149	244809	40.89	ng		99
60) 4-Chlorophenyl-phenylether	15.26	204	151361	44.10	ng		98
61) 4-Nitroaniline	15.31	138	43546	38.64	ng		97
62) Azobenzene	15.56	77	272210	41.89	ng		98
64) 4,6-Dinitro-2-methylphenol	15.37	198	52864	38.45	ng		92
65) n-Nitrosodiphenylamine	15.48	169	211645	40.85	ng		99
66) 4-Bromophenyl-phenylether	16.15	248	104628	44.25	ng		95
67) Hexachlorobenzene	16.27	284	103241	40.12	ng		97
68) Atrazine	16.44	200	103626	40.57	ng		98
69) Pentachlorophenol	16.62	266	102916	86.24	ng		95
70) Phenanthrene	17.01	178	394818	39.79	ng		99
71) Anthracene	17.09	178	408320	41.44	ng		96
72) Carbazole	17.38	167	361407	40.01	ng		99
73) Di-n-butylphthalate	17.94	149	470131	42.53	ng		99
74) Fluoranthene	19.03	202	595939	41.98	ng		100
76) Benzidine	19.24	184	41751	6.54	ng	#	92
77) Pyrene	19.40	202	619304	40.12	ng		100
79) Butylbenzylphthalate	20.31	149	237129	42.56	ng		98
80) Benzo(a)anthracene	21.15	228	682554	40.47	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	179545	29.75	ng		99
82) Chrysene	21.20	228	607263	39.93	ng		100
83) Bis(2-ethylhexyl)phthalate	21.08	149	342925	41.89	ng		97
84) Di-n-octyl phthalate	21.94	149	574533	42.13	ng		100
85) Indeno(1,2,3-cd)pyrene	25.60	276	778928	39.38	ng		99
87) Benzo(b)fluoranthene	22.70	252	694561	40.01	ng		98
88) Benzo(k)fluoranthene	22.75	252	667092	39.94	ng		98
89) Benzo(a)pyrene	23.26	252	653104	40.73	ng		99
90) Dibenzo(a,h)anthracene	25.60	278	671997	40.50	ng		99
91) Benzo(g,h,i)perylene	26.27	276	638734	40.48	ng		98

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

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