Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016804.D
Acq On : 29 Apr 2015 18:21
Operator : TP/IZ
Sample : G2022-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMPMSD

Manual Integrations APPROVED
apatel
5/1/2015 8:57:24 AM

Quant Time: Apr 30 02:27:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:01:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	45720	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	212278	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	131697	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	283954	20.00	ng		0.00
75) Chrysene-d12	21.16	240	258119	20.00	ng		0.00
86) Perylene-d12	23.35	264	236756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	317246	127.82	ng		0.00
7) Phenol-d6	6.77	99	453032	130.04	ng		0.00
23) Nitrobenzene-d5	8.73	82	224642	68.94	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	116321	118.59	ng		0.00
44) 2-Fluorobiphenyl	12.83	172	562199	66.09	ng		0.00
78) Terphenyl-d14	19.60	244	723042	67.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	31491	29.63	ng		96
3) Pyridine	3.41	79	84515	28.32	ng		97
4) n-Nitrosodimethylamine	3.33	42	29747	34.15	ng	#	96
6) Aniline	6.89	93	110273	23.41	ng		99
8) 2-Chlorophenol	7.14	128	128811	40.83	ng		99
9) Benzaldehyde	6.71	77	7803	3.93	ng		98
10) Phenol	6.79	94	174649	48.87	ng		99
11) bis(2-Chloroethyl)ether	7.00	93	108665	38.12	ng		98
12) 1,3-Dichlorobenzene	7.45	146	115491	34.36	ng		95
13) 1,4-Dichlorobenzene	7.59	146	119874	34.90	ng		98
14) 1,2-Dichlorobenzene	7.91	146	117203	35.62	ng		97
15) Benzyl Alcohol	7.82	79	85874	39.55	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.10	45	97903	38.91	ng		99
17) 2-Methylphenol	8.03	107	107166	41.64	ng		94
18) Hexachloroethane	8.63	117	41254	34.05	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	82159	36.90	ng		98
20) 3+4-Methylphenols	8.36	107	147458	41.71	ng		95
22) Acetophenone	8.39	105	163714	38.44	ng	#	99
24) Nitrobenzene	8.77	77	112856	36.66	ng		98
25) Isophorone	9.29	82	235293	36.26	ng		98
26) 2-Nitrophenol	9.47	139	73820	37.81	ng		96
27) 2,4-Dimethylphenol	9.55	122	128583	39.81	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	144262	38.15	ng		99
29) 2,4-Dichlorophenol	10.02	162	119192	42.46	ng		97
30) 1,2,4-Trichlorobenzene	10.21	180	106794	35.94	ng		98
31) Naphthalene	10.40	128	383089	36.16	ng		99
32) Benzoic acid	9.69	122	4207m	2.63	ng		
33) 4-Chloroaniline	10.53	127	108992	23.69	ng		97
34) Hexachlorobutadiene	10.68	225	46418	34.43	ng		94
35) Caprolactam	11.30	113	60220m	39.13	ng		
36) 4-Chloro-3-methylphenol	11.68	107	130831	41.36	ng		98
37) 2-Methylnaphthalene	12.02	142	285857	36.84	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	105375	35.23	ng		98
40) Hexachlorocyclopentadiene	12.37	237	56647	70.27	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	83831	37.07	ng	98
43) 2,4,5-Trichlorophenol	12.74	196	92831	40.46	ng	99
45) 1,1'-Biphenyl	13.05	154	360311	37.24	ng	98
46) 2-Chloronaphthalene	13.09	162	273607	36.64	ng	98
47) 2-Nitroaniline	13.31	65	71846	38.53	ng	94
48) Acenaphthylene	13.94	152	478961	36.08	ng	98
49) Dimethylphthalate	13.69	163	394822	41.83	ng	99
50) 2,6-Dinitrotoluene	13.82	165	88371	38.23	ng	100
51) Acenaphthene	14.29	154	286045	36.22	ng	98
52) 3-Nitroaniline	14.14	138	75882	29.05	ng	96
53) 2,4-Dinitrophenol	14.36	184	70507	65.95	ng	97
54) Dibenzofuran	14.62	168	426547	37.91	ng	97
55) 4-Nitrophenol	14.50	139	154156	82.47	ng	97
56) 2,4-Dinitrotoluene	14.61	165	123625	39.27	ng	99
57) Fluorene	15.27	166	370779	37.51	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	69822	40.06	ng	98
59) Diethylphthalate	15.06	149	372360	38.15	ng	98
60) 4-Chlorophenyl-phenylether	15.27	204	153257	36.72	ng	97
61) 4-Nitroaniline	15.32	138	102104	38.72	ng	97
62) Azobenzene	15.56	77	323892	40.11	ng	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	62717	36.36	ng	95
65) n-Nitrosodiphenylamine	15.49	169	332100	36.07	ng	98
66) 4-Bromophenyl-phenylether	16.16	248	82487	36.17	ng	94
67) Hexachlorobenzene	16.28	284	84601	35.46	ng	94
68) Atrazine	16.45	200	107245	40.02	ng	99
69) Pentachlorophenol	16.64	266	77018	72.36	ng	97
70) Phenanthrene	17.01	178	557807	36.32	ng	99
71) Anthracene	17.10	178	556512	36.23	ng	99
72) Carbazole	17.38	167	584261	38.88	ng	99
73) Di-n-butylphthalate	17.94	149	685035	36.86	ng	99
74) Fluoranthene	19.03	202	592041	35.85	ng	99
76) Benzidine	19.23	184	229608	23.13	ng	98
77) Pyrene	19.40	202	619689	36.72	ng	100
79) Butylbenzylphthalate	20.30	149	306880	36.49	ng	99
80) Benzo(a)anthracene	21.14	228	531586	35.65	ng	99
81) 3,3'-Dichlorobenzidine	21.08	252	153292	30.21	ng	99
82) Chrysene	21.20	228	496705	35.22	ng	100
83) Bis(2-ethylhexyl)phthalate	21.07	149	437904	37.01	ng	99
84) Di-n-octyl phthalate	21.94	149	721222	36.06	ng	100
85) Indeno(1,2,3-cd)pyrene	25.58	276	545357	33.97	ng	100
87) Benzo(b)fluoranthene	22.69	252	509186	37.77	ng	99
88) Benzo(k)fluoranthene	22.73	252	474525	35.95	ng	98
89) Benzo(a)pyrene	23.26	252	475603	37.26	ng	98
90) Dibenzo(a,h)anthracene	25.59	278	456536	35.45	ng	98
91) Benzo(g,h,i)perylene	26.27	276	451254	34.86	ng	99

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

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