Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019125.D
Acq On : 10 Oct 2015 19:59
Operator : UM/NP
Sample : G3929-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-01MSD

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:59 PM

Quant Time: Oct 12 07:06:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19287	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	87565	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	62685	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	156793	20.00	ng		0.00
75) Chrysene-d12	21.68	240	181712	20.00	ng		0.00
86) Perylene-d12	24.91	264	177861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	69090	72.94	ng		0.00
7) Phenol-d6	7.19	99	66309	45.57	ng		0.00
23) Nitrobenzene-d5	9.20	82	179321	113.15	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	143086	167.51	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	434921	106.68	ng		0.00
78) Terphenyl-d14	20.02	244	713228	103.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	6632	16.65	ng		90
3) Pyridine	3.91	79	12104	9.94	ng		97
4) n-Nitrosodimethylamine	3.82	42	9972	14.44	ng		99
6) Aniline	7.36	93	43559	22.11	ng		95
8) 2-Chlorophenol	7.60	128	41610	35.01	ng		95
9) Benzaldehyde	7.17	77	4476	4.88	ng		96
10) Phenol	7.22	94	18888	12.46	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	47286	41.30	ng		99
12) 1,3-Dichlorobenzene	7.92	146	46349	35.72	ng		98
13) 1,4-Dichlorobenzene	8.07	146	47105	35.47	ng		99
14) 1,2-Dichlorobenzene	8.39	146	46904	36.50	ng		96
15) Benzyl Alcohol	8.27	79	31643	24.34	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	103675	42.27	ng		99
17) 2-Methylphenol	8.47	107	31527	29.13	ng		97
18) Hexachloroethane	9.12	117	17461	34.50	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	46578	40.34	ng		100
20) 3+4-Methylphenols	8.80	107	40745	26.14	ng		93
22) Acetophenone	8.85	105	107676	52.59	ng		98
24) Nitrobenzene	9.24	77	69163	41.13	ng		97
25) Isophorone	9.76	82	132235	41.02	ng		99
26) 2-Nitrophenol	9.94	139	29203	40.73	ng		96
27) 2,4-Dimethylphenol	10.01	122	45829	36.58	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	72450	42.12	ng		99
29) 2,4-Dichlorophenol	10.48	162	55534	42.28	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	54557	38.70	ng		93
31) Naphthalene	10.89	128	169174	40.14	ng		99
32) Benzoic acid	10.12	122	5359m	13.56	ng		
33) 4-Chloroaniline	10.99	127	61442	31.37	ng		97
34) Hexachlorobutadiene	11.18	225	35245	36.46	ng		95
35) Caprolactam	11.80	113	3298	6.82	ng	#	77
36) 4-Chloro-3-methylphenol	12.11	107	64724	38.77	ng		99
37) 2-Methylnaphthalene	12.49	142	136231	41.61	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	92514	51.35	ng		98
40) Hexachlorocyclopentadiene	12.84	237	83749	89.37	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	52147	41.58	ng	98
43) 2,4,5-Trichlorophenol	13.17	196	55201	41.42	ng	93
45) 1,1'-Biphenyl	13.50	154	234609	51.54	ng	99
46) 2-Chloronaphthalene	13.54	162	147406	42.09	ng	98
47) 2-Nitroaniline	13.74	65	60811	43.24	ng	98
48) Acenaphthylene	14.38	152	253322	41.01	ng	99
49) Dimethylphthalate	14.11	163	212121	42.85	ng	100
50) 2,6-Dinitrotoluene	14.23	165	46008	43.50	ng	95
51) Acenaphthene	14.72	154	154660	41.63	ng	100
52) 3-Nitroaniline	14.56	138	40753	34.92	ng	99
53) 2,4-Dinitrophenol	14.77	184	57891	88.82	ng	94
54) Dibenzofuran	15.06	168	240074	43.74	ng	96
55) 4-Nitrophenol	14.87	139	30622	34.67	ng	93
56) 2,4-Dinitrotoluene	15.02	165	69383	45.12	ng	97
57) Fluorene	15.71	166	206534	43.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	56751	44.98	ng	98
59) Diethylphthalate	15.48	149	219660	42.71	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	103971	42.86	ng	99
61) 4-Nitroaniline	15.73	138	48082	37.91	ng	95
62) Azobenzene	15.99	77	212699	44.60	ng	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	38971	45.52	ng	95
65) n-Nitrosodiphenylamine	15.92	169	181196	41.81	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	70639	44.33	ng	98
67) Hexachlorobenzene	16.72	284	80795	43.18	ng	99
68) Atrazine	16.86	200	97816	54.81	ng	95
69) Pentachlorophenol	17.06	266	98231	100.70	ng	98
70) Phenanthrene	17.45	178	336700	41.73	ng	98
71) Anthracene	17.54	178	349380	43.29	ng	99
72) Carbazole	17.81	167	323105	42.76	ng	98
73) Di-n-butylphthalate	18.37	149	394734	42.65	ng	100
74) Fluoranthene	19.46	202	435651	41.96	ng	99
76) Benzidine	19.64	184	205264	44.03	ng	99
77) Pyrene	19.82	202	439483	43.19	ng	99
79) Butylbenzylphthalate	20.71	149	177182	42.73	ng	96
80) Benzo(a)anthracene	21.66	228	412738	42.37	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	167725	46.55	ng	94
82) Chrysene	21.73	228	391560	42.35	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	244714	42.49	ng	98
84) Di-n-octyl phthalate	22.79	149	425920	42.81	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	480003	42.66	ng	98
87) Benzo(b)fluoranthene	23.88	252	417447	43.65	ng	99
88) Benzo(k)fluoranthene	23.95	252	411686	43.61	ng	98
89) Benzo(a)pyrene	24.75	252	401753	44.47	ng	98
90) Dibenzo(a,h)anthracene	28.65	278	416723	42.96	ng	99
91) Benzo(g,h,i)perylene	29.74	276	391789	43.43	ng	97

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

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