Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050715\
Data File : BG016937.D
Acq On : 8 May 2015 1:18
Operator : TP/IZ
Sample : G2038-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-01MSD

Manual Integrations APPROVED
apatel
5/8/2015 5:08:39 PM

Quant Time: May 13 15:19:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	81883	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	382901	20.00	ng		0.06
38) Acenaphthene-d10	14.44	164	219186	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	435694	20.00	ng		0.00
75) Chrysene-d12	21.36	240	445031	20.00	ng		0.00
86) Perylene-d12	23.66	264	432571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	329178	70.00	ng		0.01
7) Phenol-d6	6.97	99	314647	46.83	ng		0.00
23) Nitrobenzene-d5	8.96	82	685034	87.40	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	350241	159.17	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1335118	91.92	ng		0.00
78) Terphenyl-d14	19.81	244	1554112	81.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	20298	10.30	ng	#	1
4) n-Nitrosodimethylamine	3.61	42	41954	11.54	ng	#	88
8) 2-Chlorophenol	7.37	128	213627	39.21	ng		97
9) Benzaldehyde	6.95	77	348291	Below Cal		#	1
10) Phenol	7.00	94	181211	25.15	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	249957	44.87	ng		97
12) 1,3-Dichlorobenzene	7.69	146	210792	35.09	ng		96
13) 1,4-Dichlorobenzene	7.84	146	216034	35.50	ng		98
14) 1,2-Dichlorobenzene	8.17	146	223850	38.33	ng		93
15) Benzyl Alcohol	8.06	79	128402	20.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	456774	44.30	ng		87
17) 2-Methylphenol	8.24	107	189163	37.29	ng		93
18) Hexachloroethane	8.88	117	105700	42.26	ng		94
19) n-Nitroso-di-n-propylamine	8.62	70	255210	43.32	ng		98
20) 3+4-Methylphenols	8.57	107	245578	35.13	ng		94
22) Acetophenone	8.62	105	661978	72.58	ng	#	98
24) Nitrobenzene	9.01	77	354569	44.80	ng		98
25) Isophorone	9.56	82	635752	40.17	ng		99
26) 2-Nitrophenol	9.72	139	151599	47.04	ng		93
27) 2,4-Dimethylphenol	9.79	122	368702	63.22	ng		99
28) bis(2-Chloroethoxy)methane	10.05	93	346155	43.33	ng		96
29) 2,4-Dichlorophenol	10.28	162	236057	42.84	ng		98
30) 1,2,4-Trichlorobenzene	10.52	180	226556m	38.77	ng		
31) Naphthalene	10.75	128	20328174	1067.39	ng	#	1
32) Benzoic acid	9.91	122	53159	18.98	ng		89
34) Hexachlorobutadiene	10.94	225	130791	35.76	ng		99
35) Caprolactam	11.69	113	12641	4.42	ng		93
36) 4-Chloro-3-methylphenol	11.88	107	275859	39.10	ng		98
37) 2-Methylnaphthalene	12.27	142	3286813	226.58	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	269176	45.43	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	248264	64.88	ng		99
42) 2,4,6-Trichlorophenol	12.87	196	200121	47.66	ng		93
43) 2,4,5-Trichlorophenol	12.94	196	215234	48.29	ng		97
45) 1,1'-Biphenyl	13.27	154	1297359	82.67	ng		95

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Quant Time: May 13 15:19:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.31	162	570504	45.90	ng		97
47) 2-Nitroaniline	13.52	65	235979	54.54	ng		94
48) Acenaphthylene	14.16	152	1315707	60.78	ng		96
49) Dimethylphthalate	13.90	163	735869	44.96	ng		98
50) 2,6-Dinitrotoluene	14.02	165	171840	50.57	ng	#	89
51) Acenaphthene	14.51	154	1666701	129.38	ng		97
53) 2,4-Dinitrophenol	14.55	184	190528	122.58	ng	#	80
54) Dibenzofuran	14.84	168	1555715	85.05	ng	#	91
55) 4-Nitrophenol	14.65	139	126836	38.69	ng		93
56) 2,4-Dinitrotoluene	14.80	165	244023	56.13	ng		96
57) Fluorene	15.49	166	1353138	83.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	196092	50.99	ng	#	76
59) Diethylphthalate	15.26	149	768318	44.47	ng		98
60) 4-Chlorophenyl-phenylether	15.48	204	360827	44.34	ng		98
61) 4-Nitroaniline	15.50	138	48129	10.74	ng	#	61
62) Azobenzene	15.77	77	814935	45.54	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	133702	61.89	ng		87
65) n-Nitrosodiphenylamine	15.70	169	607262	45.66	ng		96
66) 4-Bromophenyl-phenylether	16.37	248	219064	50.09	ng		94
67) Hexachlorobenzene	16.49	284	224428	48.67	ng		99
68) Atrazine	16.66	200	186881	39.04	ng		96
69) Pentachlorophenol	16.83	266	320007	106.88	ng		97
70) Phenanthrene	17.23	178	1960496	87.44	ng		95
71) Anthracene	17.32	178	1181914	52.25	ng		99
72) Carbazole	17.60	167	2746841	127.73	ng	#	87
73) Di-n-butylphthalate	18.15	149	1257610	45.11	ng		99
74) Fluoranthene	19.24	202	1261642	48.50	ng		96
77) Pyrene	19.61	202	1252255	47.68	ng		98
79) Butylbenzylphthalate	20.50	149	590434	47.30	ng		99
80) Benzo(a)anthracene	21.34	228	1125734	47.15	ng		99
82) Chrysene	21.40	228	1048430	46.89	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	811789	47.54	ng		96
84) Di-n-octyl phthalate	22.17	149	1381167	48.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1284753	48.21	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1133706	47.05	ng		98
88) Benzo(k)fluoranthene	23.01	252	1082697	46.70	ng		98
89) Benzo(a)pyrene	23.57	252	1081322	48.12	ng		97
90) Dibenzo(a,h)anthracene	26.04	278	1095829	47.74	ng		97
91) Benzo(g,h,i)perylene	26.76	276	1054070	48.23	ng		99

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

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