Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079140.D
Acq On : 12 May 2015 4:45
Operator : TP/IZ
Sample : G2146-06MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8MS

Manual Integrations APPROVED
apatel
5/12/2015 4:51:06 PM

Quant Time: May 12 05:58:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 05:22:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	46551	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	199181	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	106810	20.00	ng		0.00
63) Phenanthrene-d10	12.90	188	210543	20.00	ng		0.01
75) Chrysene-d12	16.19	240	232169	20.00	ng		0.00
86) Perylene-d12	17.90	264	254104	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	174316	64.46	ng		0.00
7) Phenol-d6	6.86	99	146389	40.95	ng		0.00
23) Nitrobenzene-d5	7.99	82	296171	85.46	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	159657	138.17	ng		0.00
44) 2-Fluorobiphenyl	10.22	172	615727	80.31	ng		0.00
78) Terphenyl-d14	14.89	244	786504	81.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	18956	16.12	ng	#	21
3) Pyridine	3.04	79	34923	10.15	ng		92
4) n-Nitrosodimethylamine	2.90	42	24767m	16.80	ng		
6) Aniline	6.89	93	74538	14.77	ng		99
8) 2-Chlorophenol	7.03	128	113223	36.91	ng		100
9) Benzaldehyde	6.74	77	74182	30.80	ng		92
10) Phenol	6.88	94	61142	14.74	ng	#	69
11) bis(2-Chloroethyl)ether	6.98	93	133494	43.91	ng		98
12) 1,3-Dichlorobenzene	7.22	146	131780	38.22	ng	#	93
13) 1,4-Dichlorobenzene	7.31	146	132510	37.35	ng		93
14) 1,2-Dichlorobenzene	7.50	146	126305	38.24	ng		95
15) Benzyl Alcohol	7.47	79	72124	27.18	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.66	45	205406	44.16	ng		99
17) 2-Methylphenol	7.62	107	74085	30.02	ng		98
18) Hexachloroethane	7.92	117	44918	36.76	ng		90
19) n-Nitroso-di-n-propylamine	7.80	70	105695	43.78	ng		97
20) 3+4-Methylphenols	7.82	107	92644	28.17	ng	#	47
22) Acetophenone	7.80	105	212397	47.20	ng	#	91
24) Nitrobenzene	8.01	77	153118	44.57	ng		95
25) Isophorone	8.31	82	280021	43.58	ng		99
26) 2-Nitrophenol	8.41	139	63897	44.94	ng		93
27) 2,4-Dimethylphenol	8.47	122	113297	39.82	ng		100
28) bis(2-Chloroethoxy)methane	8.59	93	175421	44.29	ng		99
29) 2,4-Dichlorophenol	8.71	162	115112	45.50	ng		97
30) 1,2,4-Trichlorobenzene	8.81	180	112249	40.39	ng		99
31) Naphthalene	8.90	128	415341	43.76	ng		99
32) Benzoic acid	8.55	122	16214	14.21	ng		92
33) 4-Chloroaniline	8.97	127	94234	23.47	ng		98
34) Hexachlorobutadiene	9.05	225	58698	36.67	ng		95
35) Caprolactam	9.39	113	6095	7.45	ng	#	81
36) 4-Chloro-3-methylphenol	9.58	107	110096	41.43	ng		95
37) 2-Methylnaphthalene	9.76	142	304663	46.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	124314	41.33	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	93581	61.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	83538	40.39	ng		97
43) 2,4,5-Trichlorophenol	10.16	196	89877	42.99	ng		93
45) 1,1'-Biphenyl	10.34	154	363717	42.83	ng		99
46) 2-Chloronaphthalene	10.36	162	278302	42.02	ng		95
47) 2-Nitroaniline	10.49	65	81073	42.25	ng		98
48) Acenaphthylene	10.88	152	459264	42.23	ng		100
49) Dimethylphthalate	10.73	163	355750	45.38	ng		100
50) 2,6-Dinitrotoluene	10.80	165	69863	45.16	ng		97
51) Acenaphthene	11.10	154	264298	40.75	ng		99
52) 3-Nitroaniline	11.00	138	64621	33.44	ng	#	96
53) 2,4-Dinitrophenol	11.14	184	52183	79.65	ng	#	80
54) Dibenzofuran	11.30	168	406594	43.41	ng		97
55) 4-Nitrophenol	11.22	139	47948	31.35	ng	#	84
56) 2,4-Dinitrotoluene	11.30	165	100929	49.35	ng	#	71
57) Fluorene	11.74	166	350447	45.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.46	232	72668	42.53	ng	#	100
59) Diethylphthalate	11.61	149	348655	44.89	ng		99
60) 4-Chlorophenyl-phenylether	11.74	204	144698	42.42	ng	#	87
61) 4-Nitroaniline	11.76	138	76461	39.55	ng		91
62) Azobenzene	11.93	77	337666	44.13	ng		93
64) 4,6-Dinitro-2-methylphenol	11.80	198	38209	44.76	ng	#	61
65) n-Nitrosodiphenylamine	11.88	169	284805	40.62	ng		98
66) 4-Bromophenyl-phenylether	12.35	248	95807	43.66	ng	#	85
67) Hexachlorobenzene	12.41	284	109058	43.48	ng	#	84
68) Atrazine	12.56	200	91858	45.05	ng		99
69) Pentachlorophenol	12.66	266	101339	69.99	ng		98
70) Phenanthrene	12.93	178	503358	42.73	ng		99
71) Anthracene	12.99	178	533945	46.21	ng		99
72) Carbazole	13.20	167	534412	48.52	ng		98
73) Di-n-butylphthalate	13.65	149	621624	47.06	ng	#	98
74) Fluoranthene	14.41	202	590969	48.15	ng		92
76) Benzidine	14.58	184	42979	6.87	ng		98
77) Pyrene	14.69	202	611916	45.74	ng		99
79) Butylbenzylphthalate	15.51	149	285073	48.75	ng		96
80) Benzo(a)anthracene	16.18	228	576250	45.32	ng		99
81) 3,3'-Dichlorobenzidine	16.15	252	159676	35.26	ng	#	97
82) Chrysene	16.22	228	525275	42.96	ng		100
83) Bis(2-ethylhexyl)phthalate	16.23	149	460071	51.94	ng		99
84) Di-n-octyl phthalate	17.01	149	752161	48.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.37	276	769811	49.41	ng	#	100
87) Benzo(b)fluoranthene	17.45	252	664108	47.75	ng		99
88) Benzo(k)fluoranthene	17.49	252	521329m	38.72	ng		
89) Benzo(a)pyrene	17.83	252	585304	45.70	ng	#	96
90) Dibenzo(a,h)anthracene	19.39	278	609154	44.76	ng		99
91) Benzo(g,h,i)perylene	19.81	276	629891	46.17	ng		98

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

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