Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087331.D
Acq On : 24 May 2016 8:59
Operator : UM/SJ
Sample : H3168-08MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 24 18:56:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135684	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	568138	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	269342	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	487572	20.00	ng		0.00
75) Chrysene-d12	18.56	240	346651	20.00	ng		0.00
86) Perylene-d12	20.23	264	264081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	983024	127.31	ng		0.02
7) Phenol-d6	7.16	99	1246504	119.47	ng		0.00
23) Nitrobenzene-d5	8.54	82	881001	78.15	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	289036	111.67	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1394527	72.99	ng		0.00
78) Terphenyl-d14	17.21	244	1182627	72.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	119017	29.21	ng	#	66
3) Pyridine	2.62	79	319260	35.84	ng	#	55
4) n-Nitrosodimethylamine	2.59	42	275182	40.09	ng	#	51
6) Aniline	7.12	93	299263	22.17	ng		93
8) 2-Chlorophenol	7.30	128	395997	41.12	ng		94
9) Benzaldehyde	6.94	77	95170	16.52	ng		98
10) Phenol	7.19	94	494026	43.36	ng		88
11) bis(2-Chloroethyl)ether	7.26	93	372883	40.44	ng		88
12) 1,3-Dichlorobenzene	7.51	146	400484m	38.13	ng		
13) 1,4-Dichlorobenzene	7.64	146	412583	38.26	ng		97
14) 1,2-Dichlorobenzene	7.87	146	396690	39.77	ng		99
15) Benzyl Alcohol	7.91	79	348994	45.88	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	797325	38.43	ng		96
17) 2-Methylphenol	8.12	107	322932	41.85	ng	#	90
18) Hexachloroethane	8.39	117	152080	37.81	ng		97
19) n-Nitroso-di-n-propylamine	8.33	70	319722	41.09	ng	#	70
20) 3+4-Methylphenols	8.39	107	422150	45.25	ng	#	60
22) Acetophenone	8.30	105	577864	42.57	ng	#	97
24) Nitrobenzene	8.56	77	467508	39.29	ng		98
25) Isophorone	8.95	82	803847	39.76	ng		97
26) 2-Nitrophenol	9.06	139	199777	41.07	ng	#	72
27) 2,4-Dimethylphenol	9.20	122	329507	39.02	ng	#	84
28) bis(2-Chloroethoxy)methane	9.34	93	495291	43.49	ng		99
29) 2,4-Dichlorophenol	9.48	162	327250	43.00	ng		98
30) 1,2,4-Trichlorobenzene	9.56	180	342730	39.34	ng		96
31) Naphthalene	9.68	128	1135614	39.89	ng		100
32) Benzoic acid	9.47	122	47849	15.49	ng	#	71
33) 4-Chloroaniline	9.84	127	126185	12.03	ng		94
34) Hexachlorobutadiene	9.88	225	199368	37.65	ng		98
35) Caprolactam	10.44	113	92331m	41.57	ng		
36) 4-Chloro-3-methylphenol	10.68	107	351861	40.90	ng		88
37) 2-Methylnaphthalene	10.81	142	729365	41.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	319464	37.05	ng		98
40) Hexachlorocyclopentadiene	11.05	237	224412	65.23	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	198675	39.92	ng		97
43) 2,4,5-Trichlorophenol	11.39	196	205340	40.52	ng	#	93
45) 1,1'-Biphenyl	11.58	154	883859	38.98	ng		97
46) 2-Chloronaphthalene	11.59	162	658631	37.96	ng		92
47) 2-Nitroaniline	11.80	65	248279	39.72	ng	#	74
48) Acenaphthylene	12.25	152	1057835	38.51	ng		99
49) Dimethylphthalate	12.14	163	955780	44.30	ng		99
50) 2,6-Dinitrotoluene	12.23	165	176712	40.65	ng	#	86
51) Acenaphthene	12.54	154	640578	37.94	ng		98
52) 3-Nitroaniline	12.49	138	106195	23.80	ng	#	90
53) 2,4-Dinitrophenol	12.68	184	111626	52.61	ng	#	80
54) Dibenzofuran	12.82	168	944529	41.32	ng		98
55) 4-Nitrophenol	12.87	139	170242	79.98	ng	#	64
56) 2,4-Dinitrotoluene	12.88	165	226409	38.96	ng	#	91
57) Fluorene	13.37	166	736828	37.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	169531	43.49	ng		98
59) Diethylphthalate	13.28	149	791903	37.75	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	357162	36.95	ng		98
61) 4-Nitroaniline	13.50	138	146141	35.09	ng	#	74
62) Azobenzene	13.66	77	925414	42.52	ng		87
64) 4,6-Dinitro-2-methylphenol	13.54	198	113041	36.46	ng	#	39
65) n-Nitrosodiphenylamine	13.61	169	632526	40.11	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	201010	37.68	ng		99
67) Hexachlorobenzene	14.25	284	208487	37.37	ng	#	67
68) Atrazine	14.53	200	206233	41.03	ng		95
69) Pentachlorophenol	14.62	266	135056	78.06	ng		96
70) Phenanthrene	14.91	178	1039951	38.51	ng		100
71) Anthracene	15.01	178	1056810	38.74	ng		99
72) Carbazole	15.29	167	963491	41.41	ng		99
73) Di-n-butylphthalate	15.85	149	1184180	39.35	ng	#	98
74) Fluoranthene	16.66	202	1005253	37.12	ng		97
76) Benzidine	16.89	184	267657	30.01	ng		97
77) Pyrene	16.97	202	1012878	40.59	ng		100
79) Butylbenzylphthalate	17.87	149	454701	41.09	ng	#	74
80) Benzo(a)anthracene	18.55	228	765348	38.81	ng		99
81) 3,3'-Dichlorobenzidine	18.53	252	172275	15.82	ng		99
82) Chrysene	18.59	228	732507	37.43	ng		100
83) Bis(2-ethylhexyl)phthalate	18.62	149	746221	46.21	ng		97
84) Di-n-octyl phthalate	19.38	149	997548	40.51	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	620801	39.57	ng		95
87) Benzo(b)fluoranthene	19.82	252	589893m	35.07	ng		
88) Benzo(k)fluoranthene	19.85	252	638115m	44.07	ng		
89) Benzo(a)pyrene	20.17	252	582670	40.05	ng		97
90) Dibenzo(a,h)anthracene	21.50	278	529498	42.67	ng	#	93
91) Benzo(g,h,i)perylene	21.85	276	519596	42.44	ng	#	93

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

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