Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087372.D
Acq On : 25 May 2016 15:02
Operator : UM/SJ
Sample : H3218-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-3(6.5-7)MS

Manual Integrations APPROVED
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5/26/2016 6:36:15 PM

Quant Time: May 26 12:51:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 22:35:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105483	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	436927	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	194582	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	339604	20.00	ng		0.00
75) Chrysene-d12	18.47	240	225251	20.00	ng		-0.01
86) Perylene-d12	20.14	264	225331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	779254	129.81	ng		0.01
7) Phenol-d6	7.07	99	1108264	136.63	ng		0.00
23) Nitrobenzene-d5	8.43	82	763637	88.08	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	198861	106.35	ng		-0.01
44) 2-Fluorobiphenyl	11.34	172	1095227	79.35	ng		0.00
78) Terphenyl-d14	17.13	244	693248	65.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	96847	30.57	ng	#	58
3) Pyridine	2.48	79	280683	40.53	ng	#	61
4) n-Nitrosodimethylamine	2.44	42	235619	44.16	ng	#	46
6) Aniline	7.02	93	545242	51.96	ng		95
8) 2-Chlorophenol	7.20	128	328315	43.86	ng		91
9) Benzaldehyde	6.84	77	62802	14.02	ng		98
10) Phenol	7.08	94	384904	43.46	ng		78
11) bis(2-Chloroethyl)ether	7.16	93	312574	43.60	ng		88
12) 1,3-Dichlorobenzene	7.42	146	329910	40.40	ng	#	92
13) 1,4-Dichlorobenzene	7.54	146	342305m	40.83	ng		
14) 1,2-Dichlorobenzene	7.78	146	330599	42.64	ng		99
15) Benzyl Alcohol	7.82	79	316400	53.50	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.02	45	634374	39.33	ng		89
17) 2-Methylphenol	8.03	107	256128	42.69	ng	#	86
18) Hexachloroethane	8.30	117	125122	40.01	ng		94
19) n-Nitroso-di-n-propylamine	8.24	70	270716	44.75	ng	#	68
20) 3+4-Methylphenols	8.31	107	343433	47.35	ng	#	60
22) Acetophenone	8.20	105	493652	47.29	ng	#	98
24) Nitrobenzene	8.47	77	403880	44.13	ng		98
25) Isophorone	8.87	82	672896	43.28	ng		96
26) 2-Nitrophenol	8.97	139	170471	45.57	ng	#	71
27) 2,4-Dimethylphenol	9.11	122	247548	38.12	ng	#	85
28) bis(2-Chloroethoxy)methane	9.24	93	404771	46.22	ng		98
29) 2,4-Dichlorophenol	9.38	162	275943	47.15	ng		94
30) 1,2,4-Trichlorobenzene	9.47	180	279779	41.76	ng		96
31) Naphthalene	9.59	128	1026907	46.90	ng		99
33) 4-Chloroaniline	9.75	127	101376	12.57	ng	#	93
34) Hexachlorobutadiene	9.80	225	161746	39.72	ng		98
35) Caprolactam	10.34	113	83312m	48.78	ng		
36) 4-Chloro-3-methylphenol	10.59	107	304374	46.00	ng		94
37) 2-Methylnaphthalene	10.71	142	615256m	44.98	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	252572	40.55	ng		99
40) Hexachlorocyclopentadiene	10.96	237	128929	53.81	ng		95
42) 2,4,6-Trichlorophenol	11.21	196	158643	44.13	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.29	196	159427	43.54	ng	#	91
45) 1,1'-Biphenyl	11.48	154	724388	44.22	ng		98
46) 2-Chloronaphthalene	11.50	162	543386	43.35	ng		96
47) 2-Nitroaniline	11.71	65	224057	49.62	ng		86
48) Acenaphthylene	12.15	152	850599	42.87	ng		99
49) Dimethylphthalate	12.03	163	929330	59.62	ng		100
50) 2,6-Dinitrotoluene	12.12	165	137289	43.71	ng	#	81
51) Acenaphthene	12.43	154	551134	45.19	ng		99
52) 3-Nitroaniline	12.39	138	107444	33.33	ng	#	84
54) Dibenzofuran	12.72	168	785368	47.56	ng		96
55) 4-Nitrophenol	12.76	139	149293m	97.09	ng		
56) 2,4-Dinitrotoluene	12.79	165	190653	45.42	ng		89
57) Fluorene	13.27	166	646493	45.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	127697	45.34	ng		97
59) Diethylphthalate	13.18	149	634642	41.88	ng		99
60) 4-Chlorophenyl-phenylether	13.30	204	275994	39.53	ng		92
61) 4-Nitroaniline	13.39	138	129308	42.98	ng	#	77
62) Azobenzene	13.55	77	729709	46.41	ng		86
64) 4,6-Dinitro-2-methylphenol	13.45	198	33412	15.47	ng	#	41
65) n-Nitrosodiphenylamine	13.51	169	514769	46.87	ng		99
66) 4-Bromophenyl-phenylether	14.09	248	157834	42.48	ng	#	86
67) Hexachlorobenzene	14.16	284	161042	41.44	ng	#	87
68) Atrazine	14.43	200	165947	47.40	ng		93
69) Pentachlorophenol	14.51	266	87090	72.73	ng		98
70) Phenanthrene	14.82	178	1585656	84.29	ng		99
71) Anthracene	14.90	178	1008726	53.08	ng		100
72) Carbazole	15.19	167	782955	48.31	ng		98
73) Di-n-butylphthalate	15.77	149	866298	41.33	ng	#	98
74) Fluoranthene	16.58	202	1672674	88.67	ng		96
76) Benzidine	16.81	184	92013	15.88	ng		97
77) Pyrene	16.88	202	1453265	89.63	ng		96
79) Butylbenzylphthalate	17.79	149	305993	42.56	ng	#	80
80) Benzo(a)anthracene	18.46	228	922569	72.00	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	88485	12.50	ng		98
82) Chrysene	18.50	228	833105	65.52	ng		98
83) Bis(2-ethylhexyl)phthalate	18.54	149	398515	37.98	ng	#	95
84) Di-n-octyl phthalate	19.31	149	652083	40.75	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	559020	54.84	ng		94
87) Benzo(b)fluoranthene	19.74	252	872716m	60.80	ng		
88) Benzo(k)fluoranthene	19.76	252	574875m	46.53	ng		
89) Benzo(a)pyrene	20.08	252	696914	56.14	ng		96
90) Dibenzo(a,h)anthracene	21.37	278	423230	39.97	ng	#	94
91) Benzo(g,h,i)perylene	21.71	276	454697	43.52	ng	#	90

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

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