Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091897.D
Acq On : 22 Dec 2016 20:21
Operator : UM/SJ
Sample : H6068-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5MS

Manual Integrations APPROVED
SOHIL
12/23/2016 5:54:20 PM

Quant Time: Dec 23 15:21:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 15:14:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	187138	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	703922	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	327247	20.00	ng		0.01
63) Phenanthrene-d10	11.28	188	437850	20.00	ng		0.01
75) Chrysene-d12	13.91	240	312607	20.00	ng		0.00
86) Perylene-d12	15.30	264	324580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1719814	153.45	ng		0.07
7) Phenol-d6	6.46	99	2133005	155.88	ng		0.06
23) Nitrobenzene-d5	7.32	82	1302210	102.87	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	289621	106.94	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1899349	124.99	ng		0.01
78) Terphenyl-d14	12.87	244	1248285	96.84	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	239539	43.41	ng		97
3) Pyridine	3.07	79	470419	24.43	ng		97
4) n-Nitrosodimethylamine	3.04	42	320949	44.18	ng		90
6) Aniline	6.43	93	529297	29.78	ng	#	42
8) 2-Chlorophenol	6.57	128	592038	46.44	ng		85
9) Benzaldehyde	6.29	77	99321	9.88	ng		91
10) Phenol	6.48	94	853426	54.73	ng	#	68
11) bis(2-Chloroethyl)ether	6.50	93	652399	52.59	ng		98
12) 1,3-Dichlorobenzene	6.69	146	648101	47.62	ng	#	92
13) 1,4-Dichlorobenzene	6.77	146	665891	48.07	ng		98
14) 1,2-Dichlorobenzene	6.92	146	542092	45.10	ng		95
15) Benzyl Alcohol	6.92	79	531255	49.97	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	900952	48.76	ng		98
17) 2-Methylphenol	7.06	107	482658	47.07	ng		98
18) Hexachloroethane	7.26	117	243711	47.45	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	532663	58.51	ng	#	90
20) 3+4-Methylphenols	7.22	107	696171	56.93	ng	#	73
22) Acetophenone	7.17	105	908257	52.31	ng	#	92
24) Nitrobenzene	7.34	77	652585	48.40	ng		97
25) Isophorone	7.58	82	1245244	53.32	ng	#	93
26) 2-Nitrophenol	7.66	139	248662	37.40	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	565184	51.25	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	806587	56.95	ng		97
29) 2,4-Dichlorophenol	7.93	162	459446	49.20	ng		89
30) 1,2,4-Trichlorobenzene	7.98	180	502604	49.12	ng	#	94
31) Naphthalene	8.06	128	1619889	50.28	ng		99
32) Benzoic acid	7.84	122	52095	6.37	ng		93
33) 4-Chloroaniline	8.12	127	438257	30.17	ng		95
34) Hexachlorobutadiene	8.18	225	284542	52.68	ng		99
35) Caprolactam	8.48	113	215885	70.35	ng	#	1
36) 4-Chloro-3-methylphenol	8.64	107	483128	44.96	ng		96
37) 2-Methylnaphthalene	8.76	142	1078004	66.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	409799	49.56	ng		98
40) Hexachlorocyclopentadiene	8.91	237	183185	51.25	ng		98

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Quant Time: Dec 23 15:21:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	262071	45.32	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	223061	37.49	ng	#	82
45) 1,1'-Biphenyl	9.22	154	1141159	50.93	ng		97
46) 2-Chloronaphthalene	9.24	162	872399	49.16	ng	#	91
47) 2-Nitroaniline	9.36	65	319742	50.61	ng		86
48) Acenaphthylene	9.66	152	1361595	49.89	ng		100
49) Dimethylphthalate	9.53	163	1095829	52.36	ng		98
50) 2,6-Dinitrotoluene	9.60	165	212250	46.33	ng		93
51) Acenaphthene	9.84	154	865100	46.76	ng		99
52) 3-Nitroaniline	9.77	138	247841	43.72	ng	#	97
53) 2,4-Dinitrophenol	9.87	184	6548	2.57	ng	#	1
54) Dibenzofuran	10.01	168	1166759	46.70	ng		98
55) 4-Nitrophenol	9.97	139	211790m	55.02	ng		
56) 2,4-Dinitrotoluene	10.00	165	248947	43.30	ng	#	91
57) Fluorene	10.35	166	920495	50.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	162898	34.61	ng	#	87
59) Diethylphthalate	10.22	149	989799	48.69	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	384271	48.28	ng		96
61) 4-Nitroaniline	10.38	138	214447	36.50	ng		95
62) Azobenzene	10.50	77	1063267	47.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.41	198	7868	2.97	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	794132	61.12	ng		95
66) 4-Bromophenyl-phenylether	10.83	248	255850	56.17	ng		95
67) Hexachlorobenzene	10.90	284	243197	49.95	ng	#	93
68) Atrazine	10.99	200	244176	58.26	ng		97
69) Pentachlorophenol	11.10	266	147352	61.68	ng		99
70) Phenanthrene	11.31	178	1156486	48.71	ng		99
71) Anthracene	11.36	178	1168707	65.83	ng		99
72) Carbazole	11.52	167	912511	41.48	ng		98
73) Di-n-butylphthalate	11.85	149	1476826	67.72	ng		98
74) Fluoranthene	12.49	202	1081224	52.55	ng		95
76) Benzidine	12.61	184	209290	23.03	ng		96
77) Pyrene	12.72	202	1128738	49.21	ng		98
79) Butylbenzylphthalate	13.33	149	505177	48.43	ng		99
80) Benzo(a)anthracene	13.89	228	854555	48.43	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	268825	40.17	ng	#	95
82) Chrysene	13.94	228	873866	49.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	698917	56.89	ng		99
84) Di-n-octyl phthalate	14.51	149	1262588	55.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	779315	50.82	ng		98
87) Benzo(b)fluoranthene	14.91	252	1215215m	60.13	ng		
88) Benzo(k)fluoranthene	14.95	252	592547m	34.39	ng		
89) Benzo(a)pyrene	15.25	252	853515	47.59	ng	#	96
90) Dibenzo(a,h)anthracene	16.66	278	656997	44.57	ng		98
91) Benzo(g,h,i)perylene	17.05	276	617540	40.28	ng		97

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

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