Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090570.D
Acq On : 14 Oct 2016 15:11
Operator : UM/SJ
Sample : H5192-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Manual Integrations APPROVED
sohil
10/17/2016 6:37:35 PM

Quant Time: Oct 14 16:47:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	215410	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	915732	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	483826	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	837580	20.00	ng		0.00
75) Chrysene-d12	14.10	240	720834	20.00	ng		0.00
86) Perylene-d12	15.56	264	467299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1360358	115.77	ng		0.01
7) Phenol-d6	6.55	99	1792999	102.69	ng		0.00
23) Nitrobenzene-d5	7.48	82	1154305	70.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.76	330	527859	122.37	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2068838	70.46	ng		0.00
78) Terphenyl-d14	13.04	244	2020879	65.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	178770	26.70	ng	#	81
3) Pyridine	3.38	79	560991m	37.37	ng		
4) n-Nitrosodimethylamine	3.33	42	201855m	39.13	ng		
6) Aniline	6.59	93	333130	15.79	ng		95
8) 2-Chlorophenol	6.70	128	562368	36.91	ng		91
9) Benzaldehyde	6.46	77	155330m	15.79	ng		
10) Phenol	6.57	94	666407	33.37	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	571534	34.69	ng		91
12) 1,3-Dichlorobenzene	6.86	146	515753m	33.94	ng		
13) 1,4-Dichlorobenzene	6.93	146	555615	33.62	ng		94
14) 1,2-Dichlorobenzene	7.09	146	555615	35.96	ng		97
15) Benzyl Alcohol	7.07	79	429332	36.10	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.19	45	654757	28.24	ng		95
17) 2-Methylphenol	7.18	107	442602	37.28	ng		95
18) Hexachloroethane	7.43	117	214638	32.87	ng	#	89
19) n-Nitroso-di-n-propylamine	7.33	70	404831	33.82	ng	#	91
20) 3+4-Methylphenols	7.33	107	551196	38.29	ng	#	88
22) Acetophenone	7.33	105	767052	37.92	ng	#	91
24) Nitrobenzene	7.50	77	576139	34.05	ng	#	90
25) Isophorone	7.74	82	1132361	37.74	ng	#	94
26) 2-Nitrophenol	7.82	139	305029	39.74	ng	#	83
27) 2,4-Dimethylphenol	7.86	122	514831	40.42	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	695926	39.28	ng		100
29) 2,4-Dichlorophenol	8.06	162	435108	39.00	ng		92
30) 1,2,4-Trichlorobenzene	8.14	180	464212	35.53	ng		96
31) Naphthalene	8.23	128	1598522	34.27	ng		99
32) Benzoic acid	7.86	122	495614	63.35	ng	#	15
33) 4-Chloroaniline	8.29	127	182041m	10.21	ng		
34) Hexachlorobutadiene	8.35	225	271336	37.17	ng		99
35) Caprolactam	8.65	113	149810m	48.12	ng		
36) 4-Chloro-3-methylphenol	8.77	107	483655	37.57	ng	#	76
37) 2-Methylnaphthalene	8.92	142	1033161	37.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	488285	38.06	ng		97
40) Hexachlorocyclopentadiene	9.08	237	449786	71.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	307777	42.53	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	321886	37.29	ng		98
45) 1,1'-Biphenyl	9.39	154	1329074	36.10	ng		97
46) 2-Chloronaphthalene	9.41	162	1029671	37.51	ng		97
47) 2-Nitroaniline	9.51	65	317101	31.86	ng	#	80
48) Acenaphthylene	9.82	152	1439959	32.94	ng		100
49) Dimethylphthalate	9.69	163	1660794	52.91	ng		99
50) 2,6-Dinitrotoluene	9.75	165	259800	37.82	ng	#	85
51) Acenaphthene	9.99	154	935697	32.20	ng		100
52) 3-Nitroaniline	9.93	138	158279	18.36	ng		90
53) 2,4-Dinitrophenol	10.03	184	80204	25.66	ng		87
54) Dibenzofuran	10.18	168	1378656	36.07	ng		96
55) 4-Nitrophenol	10.09	139	386682	74.54	ng		91
56) 2,4-Dinitrotoluene	10.15	165	366851	39.32	ng		91
57) Fluorene	10.51	166	1104300	35.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	297429	41.37	ng	#	88
59) Diethylphthalate	10.39	149	1183249	37.17	ng	#	93
60) 4-Chlorophenyl-phenylether	10.51	204	565430	38.05	ng		95
61) 4-Nitroaniline	10.54	138	272551	31.53	ng		91
62) Azobenzene	10.67	77	1295795	35.19	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	136467	26.92	ng		88
65) n-Nitrosodiphenylamine	10.62	169	965498	34.90	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	334281	37.19	ng		97
67) Hexachlorobenzene	11.07	284	343694	35.22	ng	#	59
68) Atrazine	11.16	200	285851	37.36	ng		89
69) Pentachlorophenol	11.26	266	386630	79.94	ng		97
70) Phenanthrene	11.48	178	1553784	34.75	ng		100
71) Anthracene	11.53	178	1664900	34.60	ng		100
72) Carbazole	11.69	167	1528065	35.48	ng		99
73) Di-n-butylphthalate	12.02	149	1863042	36.92	ng		100
74) Fluoranthene	12.67	202	1643720	36.55	ng		100
76) Benzidine	12.80	184	498109	27.77	ng		96
77) Pyrene	12.90	202	1642187	34.40	ng		99
79) Butylbenzylphthalate	13.52	149	805926	38.10	ng		98
80) Benzo(a)anthracene	14.09	228	1461490	35.62	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	329141	23.48	ng		99
82) Chrysene	14.12	228	1287603	32.57	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1115159	39.08	ng		100
84) Di-n-octyl phthalate	14.68	149	1692700	44.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.01	276	935151	40.91	ng		100
87) Benzo(b)fluoranthene	15.14	252	1143213	37.39	ng	#	95
88) Benzo(k)fluoranthene	15.16	252	1031407m	31.35	ng		
89) Benzo(a)pyrene	15.49	252	979656	34.99	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	794440	37.21	ng		100
91) Benzo(g,h,i)perylene	17.45	276	745181	36.61	ng		99

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

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