Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090571.D
Acq On : 14 Oct 2016 15:38
Operator : UM/SJ
Sample : H5192-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
10/17/2016 6:37:31 PM

Quant Time: Oct 14 16:52:17 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	211988	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	885519	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	480543	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	822952	20.00	ng		0.00
75) Chrysene-d12	14.10	240	702854	20.00	ng		0.00
86) Perylene-d12	15.56	264	447133	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1584167	137.00	ng		0.01
7) Phenol-d6	6.57	99	2216311	128.99	ng		0.01
23) Nitrobenzene-d5	7.49	82	1378646	86.48	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	650241	151.78	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2433089	83.43	ng		0.00
78) Terphenyl-d14	13.05	244	2640031	87.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	210270	31.91	ng	#	82
3) Pyridine	3.38	79	684086m	46.31	ng		
4) n-Nitrosodimethylamine	3.33	42	249182m	47.26	ng		
6) Aniline	6.59	93	401416	19.33	ng		91
8) 2-Chlorophenol	6.70	128	643975	42.95	ng		96
9) Benzaldehyde	6.46	77	190478m	19.67	ng		
10) Phenol	6.58	94	891124	45.35	ng		88
11) bis(2-Chloroethyl)ether	6.66	93	679775	41.93	ng		94
12) 1,3-Dichlorobenzene	6.86	146	633435	42.36	ng		95
13) 1,4-Dichlorobenzene	6.93	146	670865	41.25	ng		95
14) 1,2-Dichlorobenzene	7.09	146	674750	44.38	ng		97
15) Benzyl Alcohol	7.07	79	518299	44.29	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.19	45	779870	34.18	ng		90
17) 2-Methylphenol	7.18	107	539120	46.14	ng		95
18) Hexachloroethane	7.43	117	253406	39.43	ng	#	87
19) n-Nitroso-di-n-propylamine	7.34	70	510821	43.36	ng	#	82
20) 3+4-Methylphenols	7.33	107	639725	45.16	ng		94
22) Acetophenone	7.33	105	898476	45.93	ng	#	90
24) Nitrobenzene	7.50	77	655257	40.05	ng		91
25) Isophorone	7.74	82	1324906	45.67	ng		95
26) 2-Nitrophenol	7.82	139	368406	49.64	ng	#	85
27) 2,4-Dimethylphenol	7.87	122	597916	48.55	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	831290	48.52	ng		99
29) 2,4-Dichlorophenol	8.06	162	522512	48.44	ng		92
30) 1,2,4-Trichlorobenzene	8.15	180	562269	44.50	ng		98
31) Naphthalene	8.23	128	1910412	42.35	ng		99
32) Benzoic acid	7.95	122	83312	11.01	ng	#	77
33) 4-Chloroaniline	8.29	127	192163m	11.15	ng		
34) Hexachlorobutadiene	8.35	225	330437	46.81	ng		98
35) Caprolactam	8.66	113	185075m	61.47	ng		
36) 4-Chloro-3-methylphenol	8.77	107	591789	47.54	ng	#	81
37) 2-Methylnaphthalene	8.92	142	1205762	45.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	593460	46.58	ng		98
40) Hexachlorocyclopentadiene	9.08	237	561226	90.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	382520	53.22	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	402998	47.01	ng	#	82
45) 1,1'-Biphenyl	9.39	154	1607206	43.95	ng		98
46) 2-Chloronaphthalene	9.41	162	1222840	44.85	ng		97
47) 2-Nitroaniline	9.51	65	385250	38.97	ng	#	83
48) Acenaphthylene	9.82	152	1793586	41.31	ng		100
49) Dimethylphthalate	9.70	163	2174180	69.73	ng	#	99
50) 2,6-Dinitrotoluene	9.75	165	330724	48.48	ng		90
51) Acenaphthene	10.01	154	1191222	41.28	ng		99
52) 3-Nitroaniline	9.93	138	169751	19.83	ng		96
53) 2,4-Dinitrophenol	10.03	184	151747	43.74	ng	#	74
54) Dibenzofuran	10.18	168	1700205	44.79	ng		97
55) 4-Nitrophenol	10.10	139	494367	95.95	ng	#	74
56) 2,4-Dinitrotoluene	10.15	165	416440	44.94	ng		96
57) Fluorene	10.52	166	1365458	43.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	356698	49.95	ng	#	91
59) Diethylphthalate	10.39	149	1462577	46.25	ng	#	93
60) 4-Chlorophenyl-phenylether	10.51	204	680063	46.07	ng		97
61) 4-Nitroaniline	10.55	138	321338	37.43	ng		87
62) Azobenzene	10.67	77	1538858	42.07	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	187723	37.69	ng		97
65) n-Nitrosodiphenylamine	10.63	169	1174448	43.20	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	423855	48.00	ng		99
67) Hexachlorobenzene	11.07	284	434492	45.32	ng	#	62
68) Atrazine	11.16	200	387599	51.55	ng		93
69) Pentachlorophenol	11.26	266	524382	110.36	ng		98
70) Phenanthrene	11.48	178	1964127	44.71	ng		99
71) Anthracene	11.54	178	1989139	42.07	ng		99
72) Carbazole	11.69	167	1830964	43.26	ng		100
73) Di-n-butylphthalate	12.02	149	2222356	44.82	ng		99
74) Fluoranthene	12.67	202	1991818	45.08	ng		99
76) Benzidine	12.79	184	665122	38.03	ng		97
77) Pyrene	12.90	202	1989494	42.74	ng		99
79) Butylbenzylphthalate	13.52	149	913486	44.29	ng		95
80) Benzo(a)anthracene	14.09	228	1690933	42.26	ng		100
81) 3,3'-Dichlorobenzidine	14.05	252	355788	26.03	ng		99
82) Chrysene	14.12	228	1532270	39.75	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1266694	45.52	ng		99
84) Di-n-octyl phthalate	14.69	149	1967809	52.75	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.01	276	1170189	52.50	ng		97
87) Benzo(b)fluoranthene	15.14	252	1322497	45.20	ng	#	94
88) Benzo(k)fluoranthene	15.16	252	1215360m	38.61	ng		
89) Benzo(a)pyrene	15.50	252	1160269	43.32	ng	#	94
90) Dibenzo(a,h)anthracene	17.04	278	989766	48.45	ng		96
91) Benzo(g,h,i)perylene	17.46	276	931665	47.83	ng		96

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

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