Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090411.D
Acq On : 6 Oct 2016 5:44
Operator : UM/SJ
Sample : H5085-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:55 PM

Quant Time: Oct 06 06:55:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	222946	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	965247	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	469913	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	770421	20.00	ng		0.00
75) Chrysene-d12	14.20	240	573339	20.00	ng		0.00
86) Perylene-d12	15.70	264	361441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1960478	131.24	ng		0.02
7) Phenol-d6	6.63	99	2445117	124.97	ng		0.01
23) Nitrobenzene-d5	7.57	82	1888018	95.15	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	752847	197.03	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3003098	106.48	ng		0.00
78) Terphenyl-d14	13.14	244	2808988	110.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	298473m	40.53	ng		
3) Pyridine	3.62	79	640176m	31.18	ng		
4) n-Nitrosodimethylamine	3.56	42	383169	45.22	ng	#	63
6) Aniline	6.67	93	264985	9.81	ng		98
8) 2-Chlorophenol	6.79	128	801966	48.78	ng		92
9) Benzaldehyde	6.55	77	213640	21.60	ng		97
10) Phenol	6.65	94	1096932	48.22	ng		93
11) bis(2-Chloroethyl)ether	6.74	93	798324	45.84	ng		90
12) 1,3-Dichlorobenzene	6.94	146	731985m	44.67	ng		
13) 1,4-Dichlorobenzene	7.02	146	844923	50.77	ng		98
14) 1,2-Dichlorobenzene	7.17	146	715553	44.62	ng		93
15) Benzyl Alcohol	7.14	79	684879	46.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1374908	46.55	ng		91
17) 2-Methylphenol	7.25	107	655942	48.52	ng		98
18) Hexachloroethane	7.53	117	307545	46.87	ng	#	85
19) n-Nitroso-di-n-propylamine	7.42	70	735333	51.25	ng	#	81
20) 3+4-Methylphenols	7.41	107	865674	49.47	ng	#	69
22) Acetophenone	7.41	105	1093870	47.85	ng	#	97
24) Nitrobenzene	7.58	77	877339	44.54	ng		96
25) Isophorone	7.82	82	1719218	47.39	ng		96
26) 2-Nitrophenol	7.90	139	403064	47.54	ng	#	78
27) 2,4-Dimethylphenol	7.94	122	717406	43.51	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	1090054	50.80	ng		98
29) 2,4-Dichlorophenol	8.14	162	575275	45.89	ng		87
30) 1,2,4-Trichlorobenzene	8.23	180	662309	51.26	ng		97
31) Naphthalene	8.31	128	2291209	49.20	ng		99
32) Benzoic acid	8.05	122	517857	45.17	ng		93
33) 4-Chloroaniline	8.37	127	58919	3.06	ng		98
34) Hexachlorobutadiene	8.44	225	332172	46.01	ng		96
35) Caprolactam	8.73	113	176192m	41.80	ng		
36) 4-Chloro-3-methylphenol	8.84	107	712081	45.36	ng		98
37) 2-Methylnaphthalene	9.01	142	1561560	55.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	593865	47.93	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	755544	111.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	441641m	51.66	ng		
43) 2,4,5-Trichlorophenol	9.33	196	467682m	57.85	ng		
45) 1,1'-Biphenyl	9.47	154	1652200	47.45	ng		93
46) 2-Chloronaphthalene	9.50	162	1423887	55.34	ng		95
47) 2-Nitroaniline	9.59	65	535197	52.72	ng	#	81
48) Acenaphthylene	9.91	152	1962917	46.24	ng		99
49) Dimethylphthalate	9.78	163	1689208	56.13	ng		99
50) 2,6-Dinitrotoluene	9.83	165	395624	59.21	ng	#	83
51) Acenaphthene	10.09	154	1479259	55.89	ng		99
52) 3-Nitroaniline	9.99	138	80490	10.31	ng		85
53) 2,4-Dinitrophenol	10.11	184	437629	146.91	ng	#	90
54) Dibenzofuran	10.26	168	1845931	53.88	ng	#	91
55) 4-Nitrophenol	10.17	139	715294	104.74	ng	#	79
56) 2,4-Dinitrotoluene	10.23	165	467876	52.62	ng	#	22
57) Fluorene	10.60	166	1521600	52.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	362366m	60.02	ng		
59) Diethylphthalate	10.47	149	1568624	50.38	ng		93
60) 4-Chlorophenyl-phenylether	10.60	204	768231	58.68	ng	#	86
61) 4-Nitroaniline	10.61	138	272294	34.62	ng		94
62) Azobenzene	10.76	77	2094794	58.24	ng		87
64) 4,6-Dinitro-2-methylphenol	10.65	198	257169	49.28	ng	#	74
65) n-Nitrosodiphenylamine	10.71	169	996167	38.59	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	458880	60.76	ng	#	88
67) Hexachlorobenzene	11.16	284	469412	55.81	ng	#	87
68) Atrazine	11.24	200	155963	24.50	ng		96
69) Pentachlorophenol	11.34	266	558904	111.64	ng		99
70) Phenanthrene	11.57	178	2222038	56.33	ng		100
71) Anthracene	11.62	178	2164107	53.72	ng		98
72) Carbazole	11.77	167	1257557	33.60	ng		98
73) Di-n-butylphthalate	12.11	149	2655317	58.29	ng		98
74) Fluoranthene	12.76	202	1973634	51.00	ng		98
77) Pyrene	12.99	202	2002195	52.37	ng		100
79) Butylbenzylphthalate	13.61	149	1031384	52.58	ng	#	71
80) Benzo(a)anthracene	14.19	228	1886800	58.65	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	33294	2.85	ng	#	96
82) Chrysene	14.22	228	1739394	58.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1593147	57.14	ng	#	97
84) Di-n-octyl phthalate	14.80	149	2376554	57.49	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.22	276	1321050	62.59	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1625151	70.59	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	1126228m	52.08	ng		
89) Benzo(a)pyrene	15.63	252	1260480	63.52	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	1154174	68.36	ng	#	95
91) Benzo(g,h,i)perylene	17.69	276	1035899	63.94	ng		99

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

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