Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086293.D
Acq On : 18 Apr 2016 20:34
Operator : UM/SJ
Sample : H2413-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Manual Integrations APPROVED
Sohil
4/19/2016 6:24:05 PM

Quant Time: Apr 19 02:26:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	307276	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1210587	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	478466	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	731390	20.00	ng		0.00
75) Chrysene-d12	14.05	240	421760	20.00	ng		0.00
86) Perylene-d12	15.48	264	406730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2221543	118.46	ng		0.02
7) Phenol-d6	6.52	99	2798250	119.29	ng		0.00
23) Nitrobenzene-d5	7.46	82	1793735	85.46	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	437366	113.84	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2140732	82.56	ng		-0.01
78) Terphenyl-d14	13.00	244	1516488	90.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	367592	35.54	ng		97
3) Pyridine	3.33	79	996119	36.93	ng		96
4) n-Nitrosodimethylamine	3.28	42	468012	48.03	ng	#	73
6) Aniline	6.56	93	666738	19.72	ng		96
8) 2-Chlorophenol	6.68	128	870677	41.04	ng	#	79
9) Benzaldehyde	6.43	77	304387	18.29	ng		92
10) Phenol	6.54	94	1123410	40.22	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	937568	44.61	ng	#	83
12) 1,3-Dichlorobenzene	6.83	146	868609	38.58	ng		98
13) 1,4-Dichlorobenzene	6.91	146	932344	43.48	ng		98
14) 1,2-Dichlorobenzene	7.06	146	785593m	41.27	ng		
15) Benzyl Alcohol	7.04	79	737909	44.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1317161	40.22	ng		99
17) 2-Methylphenol	7.15	107	815770	46.15	ng		96
18) Hexachloroethane	7.40	117	289096	35.74	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	555698	37.02	ng	#	85
20) 3+4-Methylphenols	7.30	107	737069	37.22	ng	#	86
22) Acetophenone	7.31	105	1104027	50.09	ng	#	97
24) Nitrobenzene	7.48	77	1016185	44.28	ng		88
25) Isophorone	7.72	82	1853781	44.51	ng		97
26) 2-Nitrophenol	7.79	139	398598	39.84	ng		88
27) 2,4-Dimethylphenol	7.84	122	894730	44.28	ng		100
28) bis(2-Chloroethoxy)methane	7.93	93	1069442	43.68	ng		100
29) 2,4-Dichlorophenol	8.03	162	669363	43.57	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	711080	44.23	ng		99
31) Naphthalene	8.20	128	2382339	44.07	ng		100
32) Benzoic acid	7.90	122	118814	9.20	ng		93
33) 4-Chloroaniline	8.25	127	359830	14.89	ng	#	93
34) Hexachlorobutadiene	8.32	225	334405	41.52	ng		98
35) Caprolactam	8.62	113	266700	47.95	ng		86
36) 4-Chloro-3-methylphenol	8.73	107	775941	43.59	ng		93
37) 2-Methylnaphthalene	8.89	142	1449944	41.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	564280	58.24	ng		98
40) Hexachlorocyclopentadiene	9.05	237	212993	37.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	447931	47.52	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	413122	45.37	ng	#	87
45) 1,1'-Biphenyl	9.36	154	1572687	45.66	ng		99
46) 2-Chloronaphthalene	9.38	162	1226748	43.62	ng		98
47) 2-Nitroaniline	9.47	65	456095	50.07	ng		94
48) Acenaphthylene	9.79	152	1981342	44.28	ng		99
49) Dimethylphthalate	9.66	163	1879899	54.04	ng		98
50) 2,6-Dinitrotoluene	9.72	165	338355	43.95	ng	#	81
51) Acenaphthene	9.96	154	1167499	43.68	ng		100
52) 3-Nitroaniline	9.88	138	323202	34.55	ng		94
53) 2,4-Dinitrophenol	9.98	184	50941	21.22	ng	#	76
54) Dibenzofuran	10.13	168	1627165	46.09	ng		92
55) 4-Nitrophenol	10.04	139	524455	71.67	ng		91
56) 2,4-Dinitrotoluene	10.12	165	424935	43.12	ng	#	85
57) Fluorene	10.48	166	1012217	41.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	304857	46.10	ng	#	94
59) Diethylphthalate	10.36	149	1607177	44.76	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	515647	53.46	ng		91
61) 4-Nitroaniline	10.50	138	394415	48.79	ng		82
62) Azobenzene	10.64	77	1650301	46.97	ng		90
64) 4,6-Dinitro-2-methylphenol	10.52	198	54349	15.61	ng	#	71
65) n-Nitrosodiphenylamine	10.59	169	1082790	48.34	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	325125	47.70	ng	#	88
67) Hexachlorobenzene	11.02	284	318049	44.53	ng		96
68) Atrazine	11.12	200	276752	40.32	ng		98
69) Pentachlorophenol	11.22	266	332296	76.72	ng		98
70) Phenanthrene	11.44	178	1560693	44.68	ng		100
71) Anthracene	11.49	178	1719677	62.56	ng		98
72) Carbazole	11.64	167	1458281	43.89	ng		100
73) Di-n-butylphthalate	11.98	149	2102669	46.81	ng	#	98
74) Fluoranthene	12.63	202	1632087	55.60	ng		98
76) Benzidine	12.74	184	679383	41.53	ng		97
77) Pyrene	12.85	202	1633038	50.47	ng		99
79) Butylbenzylphthalate	13.47	149	750929	50.24	ng	#	77
80) Benzo(a)anthracene	14.04	228	1120460	48.39	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	347211	25.87	ng	#	98
82) Chrysene	14.08	228	1181220	47.85	ng		100
83) Bis(2-ethylhexyl)phthalate	14.03	149	894636	55.43	ng	#	97
84) Di-n-octyl phthalate	14.65	149	1811962	58.24	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1058238	52.15	ng		97
87) Benzo(b)fluoranthene	15.07	252	1138872m	45.39	ng		
88) Benzo(k)fluoranthene	15.11	252	1045956m	45.71	ng		
89) Benzo(a)pyrene	15.43	252	1034068	47.57	ng		100
90) Dibenzo(a,h)anthracene	16.92	278	869372	45.26	ng		99
91) Benzo(g,h,i)perylene	17.32	276	904882	44.30	ng	#	94

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

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