Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090032.D
Acq On : 8 Sep 2016 18:52
Operator : UM/SJ
Sample : H4704-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MSD

Manual Integrations APPROVED
Sohil
9/9/2016 8:39:51 AM

Quant Time: Sep 09 05:12:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	204555	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	810771	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	419179	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	765018	20.00	ng		0.00
75) Chrysene-d12	13.73	240	454559	20.00	ng		0.00
86) Perylene-d12	15.06	264	471884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1411070	110.42	ng		0.02
7) Phenol-d6	6.26	99	1742480	112.21	ng		0.01
23) Nitrobenzene-d5	7.18	82	1071459	76.64	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	426956	103.24	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1851811	72.52	ng		0.00
78) Terphenyl-d14	12.69	244	1471556	79.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	161128	26.61	ng	#	95
3) Pyridine	2.72	79	376281	23.29	ng		100
4) n-Nitrosodimethylamine	2.67	42	261183	32.79	ng		97
6) Aniline	6.26	93	562646	26.56	ng		92
8) 2-Chlorophenol	6.39	128	508258	36.66	ng		99
9) Benzaldehyde	6.14	77	67517	6.74	ng		91
10) Phenol	6.27	94	611235	33.85	ng	#	71
11) bis(2-Chloroethyl)ether	6.34	93	502059	36.74	ng		98
12) 1,3-Dichlorobenzene	6.54	146	522481m	33.74	ng		
13) 1,4-Dichlorobenzene	6.62	146	554463	35.00	ng		98
14) 1,2-Dichlorobenzene	6.78	146	499191	35.15	ng		96
15) Benzyl Alcohol	6.75	79	363761	37.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	869740	33.38	ng		92
17) 2-Methylphenol	6.88	107	407237	36.78	ng		99
18) Hexachloroethane	7.11	117	178075	32.81	ng	#	89
19) n-Nitroso-di-n-propylamine	7.03	70	336283	33.23	ng	#	87
20) 3+4-Methylphenols	7.04	107	513381	38.25	ng	#	71
22) Acetophenone	7.02	105	632778	34.79	ng	#	92
24) Nitrobenzene	7.19	77	479691	32.27	ng		96
25) Isophorone	7.44	82	980207	34.48	ng		98
26) 2-Nitrophenol	7.51	139	289103	40.69	ng		95
27) 2,4-Dimethylphenol	7.56	122	480412	36.55	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	630988	36.80	ng		99
29) 2,4-Dichlorophenol	7.76	162	443309	37.63	ng		90
30) 1,2,4-Trichlorobenzene	7.84	180	480284	37.29	ng		98
31) Naphthalene	7.91	128	1360301	33.68	ng		100
32) Benzoic acid	7.66	122	74287	8.39	ng		89
33) 4-Chloroaniline	7.96	127	484459	29.73	ng		100
34) Hexachlorobutadiene	8.03	225	265370	35.16	ng		98
35) Caprolactam	8.34	113	135667m	36.48	ng		
36) 4-Chloro-3-methylphenol	8.46	107	438636	35.15	ng	#	81
37) 2-Methylnaphthalene	8.60	142	1008062	37.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	389112	31.69	ng		99
40) Hexachlorocyclopentadiene	8.75	237	286994	45.58	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	294533	34.61	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	335286	40.97	ng		98
45) 1,1'-Biphenyl	9.06	154	1031459	30.56	ng		99
46) 2-Chloronaphthalene	9.08	162	863651	36.17	ng		99
47) 2-Nitroaniline	9.19	65	304584	39.03	ng	#	86
48) Acenaphthylene	9.50	152	1383230	35.04	ng		99
49) Dimethylphthalate	9.38	163	1606024	53.01	ng		99
50) 2,6-Dinitrotoluene	9.44	165	257143	38.16	ng	#	69
51) Acenaphthene	9.67	154	901259	36.04	ng		99
52) 3-Nitroaniline	9.60	138	242546	31.56	ng		85
53) 2,4-Dinitrophenol	9.70	184	114531	36.04	ng	#	83
54) Dibenzofuran	9.84	168	1249192	37.27	ng		99
55) 4-Nitrophenol	9.77	139	367993	63.48	ng	#	62
56) 2,4-Dinitrotoluene	9.83	165	289605	33.89	ng	#	74
57) Fluorene	10.18	166	968742	39.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	285956	40.82	ng		92
59) Diethylphthalate	10.08	149	1041400	36.54	ng		95
60) 4-Chlorophenyl-phenylether	10.18	204	448594	38.92	ng		95
61) 4-Nitroaniline	10.20	138	247036	32.71	ng		91
62) Azobenzene	10.33	77	1051926	36.95	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	111297	22.72	ng	#	62
65) n-Nitrosodiphenylamine	10.30	169	833700	36.25	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	310046	40.26	ng		99
67) Hexachlorobenzene	10.72	284	291089	33.09	ng		100
68) Atrazine	10.83	200	296577	38.63	ng		95
69) Pentachlorophenol	10.91	266	294425	62.21	ng		99
70) Phenanthrene	11.13	178	1410161	37.02	ng		100
71) Anthracene	11.18	178	1427355	36.94	ng		99
72) Carbazole	11.34	167	1241149	34.26	ng		99
73) Di-n-butylphthalate	11.69	149	1542329	36.52	ng	#	97
74) Fluoranthene	12.31	202	1460415	36.58	ng		99
76) Benzidine	12.45	184	711730	41.33	ng		95
77) Pyrene	12.53	202	1305057	40.72	ng		99
79) Butylbenzylphthalate	13.17	149	560643	43.38	ng		95
80) Benzo(a)anthracene	13.71	228	1125054	40.41	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	374649	37.28	ng		99
82) Chrysene	13.75	228	1070395	41.16	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	703707	39.36	ng	#	94
84) Di-n-octyl phthalate	14.34	149	1215863	42.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	909788	47.32	ng		99
87) Benzo(b)fluoranthene	14.70	252	1374215m	46.49	ng		
88) Benzo(k)fluoranthene	14.73	252	704516m	28.09	ng		
89) Benzo(a)pyrene	15.01	252	955427	37.72	ng	#	96
90) Dibenzo(a,h)anthracene	16.29	278	751121	40.48	ng		97
91) Benzo(g,h,i)perylene	16.63	276	737644	39.49	ng	#	95

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

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