Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092539.D
Acq On : 26 Jan 2017 21:53
Operator : SJ/MA
Sample : I1448-09MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MS

Manual Integrations APPROVED
mohammad
1/27/2017 3:03:07 PM

Quant Time: Jan 27 01:37:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156133	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	636938	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	366877	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	602560	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	463932	20.00	ng		-0.01
86) Perylene-d12	15.64	264	401221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1310888	130.63	ng		0.03
7) Phenol-d6	6.60	99	1503461	117.62	ng		0.01
23) Nitrobenzene-d5	7.54	82	1104855	94.75	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	400616	160.24	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	1999406	100.78	ng		0.00
78) Terphenyl-d14	13.11	244	1621613	93.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	199838	37.44	ng	#	72
3) Pyridine	3.52	79	409572	26.96	ng		90
4) n-Nitrosodimethylamine	3.45	42	290439	38.96	ng		83
6) Aniline	6.64	93	272955	14.32	ng	#	45
8) 2-Chlorophenol	6.76	128	483621	45.88	ng		91
9) Benzaldehyde	6.51	77	207505	22.87	ng		84
10) Phenol	6.61	94	630060	40.84	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	488122	42.28	ng		91
12) 1,3-Dichlorobenzene	6.91	146	511843m	41.06	ng		
13) 1,4-Dichlorobenzene	6.99	146	553475	44.11	ng		97
14) 1,2-Dichlorobenzene	7.15	146	486945m	40.91	ng		
15) Benzyl Alcohol	7.12	79	484808	50.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	933062	40.86	ng		93
17) 2-Methylphenol	7.23	107	457653	50.81	ng		93
18) Hexachloroethane	7.49	117	189653	43.88	ng		91
19) n-Nitroso-di-n-propylamine	7.39	70	371150	42.64	ng		93
20) 3+4-Methylphenols	7.38	107	482292	44.14	ng		93
22) Acetophenone	7.39	105	728731	48.04	ng	#	93
24) Nitrobenzene	7.56	77	629156	51.51	ng		91
25) Isophorone	7.80	82	1096564	47.72	ng		97
26) 2-Nitrophenol	7.88	139	287846	56.24	ng	#	81
27) 2,4-Dimethylphenol	7.92	122	522813	49.11	ng		97
28) bis(2-Chloroethoxy)methane	8.01	93	646462	42.86	ng		100
29) 2,4-Dichlorophenol	8.12	162	486844	52.75	ng		95
30) 1,2,4-Trichlorobenzene	8.20	180	445208	44.63	ng		95
31) Naphthalene	8.28	128	1474406	45.23	ng		99
32) Benzoic acid	8.04	122	389498	48.86	ng		94
33) 4-Chloroaniline	8.34	127	75204	5.45	ng		97
34) Hexachlorobutadiene	8.41	225	248846	45.61	ng		99
35) Caprolactam	8.72	113	141009m	45.75	ng		
36) 4-Chloro-3-methylphenol	8.82	107	492370	49.47	ng		99
37) 2-Methylnaphthalene	8.98	142	1001649	48.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	434433	46.94	ng		99
40) Hexachlorocyclopentadiene	9.14	237	415953	89.75	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	341737m	48.20	ng		
43) 2,4,5-Trichlorophenol	9.31	196	350414m	54.01	ng		
45) 1,1'-Biphenyl	9.45	154	1218496	45.95	ng		96
46) 2-Chloronaphthalene	9.48	162	979734	45.23	ng		95
47) 2-Nitroaniline	9.57	65	368160	50.47	ng		92
48) Acenaphthylene	9.89	152	1499527	47.20	ng		99
49) Dimethylphthalate	9.76	163	1209171	51.83	ng		100
50) 2,6-Dinitrotoluene	9.81	165	257867	54.08	ng	#	84
51) Acenaphthene	10.06	154	1001057	50.71	ng		96
52) 3-Nitroaniline	9.97	138	96168	16.10	ng		90
53) 2,4-Dinitrophenol	10.09	184	257773	80.78	ng	#	65
54) Dibenzofuran	10.24	168	1281782	47.82	ng		97
55) 4-Nitrophenol	10.14	139	391713	82.59	ng		93
56) 2,4-Dinitrotoluene	10.22	165	383626	60.61	ng	#	67
57) Fluorene	10.58	166	956787	48.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	267237	54.98	ng		97
59) Diethylphthalate	10.45	149	1088129	48.64	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	458038	47.51	ng		98
61) 4-Nitroaniline	10.60	138	261217	43.73	ng		93
62) Azobenzene	10.73	77	1287340	50.57	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	181434	55.06	ng	#	41
65) n-Nitrosodiphenylamine	10.69	169	910418	48.38	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	285994	47.01	ng		94
67) Hexachlorobenzene	11.13	284	280776	45.66	ng	#	87
68) Atrazine	11.22	200	260763	40.49	ng		98
69) Pentachlorophenol	11.32	266	346702	88.18	ng		97
70) Phenanthrene	11.55	178	1625363	48.98	ng		97
71) Anthracene	11.60	178	1542022	47.55	ng		99
72) Carbazole	11.74	167	1465639	47.33	ng		99
73) Di-n-butylphthalate	12.08	149	1761935	49.76	ng		98
74) Fluoranthene	12.74	202	1689107	52.04	ng		91
77) Pyrene	12.97	202	1687731	50.21	ng		98
79) Butylbenzylphthalate	13.57	149	771761	56.67	ng		97
80) Benzo(a)anthracene	14.15	228	1279305	51.31	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	224264	23.69	ng	#	97
82) Chrysene	14.19	228	1326916	49.83	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	970589	56.59	ng		99
84) Di-n-octyl phthalate	14.75	149	1766049	56.72	ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	1044932	53.04	ng		95
87) Benzo(b)fluoranthene	15.21	252	1209848	46.97	ng		98
88) Benzo(k)fluoranthene	15.24	252	1167834m	54.53	ng		
89) Benzo(a)pyrene	15.59	252	1116017	51.22	ng	#	96
90) Dibenzo(a,h)anthracene	17.15	278	871608	49.47	ng		98
91) Benzo(g,h,i)perylene	17.59	276	871269	48.90	ng	#	92

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

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