Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092688.D
Acq On : 31 Jan 2017 18:35
Operator : SJ/MA
Sample : I1588-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001MS

Manual Integrations APPROVED
mohammad
2/1/2017 2:27:31 PM

Quant Time: Feb 01 00:41:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	140712	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	561671	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	331227	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	546789	20.00	ng		0.00
75) Chrysene-d12	14.13	240	373303	20.00	ng		-0.01
86) Perylene-d12	15.60	264	311778	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	994679	121.28	ng		0.00
7) Phenol-d6	6.59	99	1293684	122.59	ng		-0.01
23) Nitrobenzene-d5	7.52	82	851167	84.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	295366	123.29	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1715643	93.84	ng		-0.01
78) Terphenyl-d14	13.07	244	1420024	89.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	196844	44.42	ng	#	73
3) Pyridine	3.48	79	429853	38.14	ng		86
4) n-Nitrosodimethylamine	3.42	42	278820	52.69	ng		89
6) Aniline	6.61	93	281423	19.55	ng	#	80
8) 2-Chlorophenol	6.74	128	425646	47.04	ng		99
9) Benzaldehyde	6.50	77	117488	15.54	ng		92
10) Phenol	6.61	94	412290	33.39	ng		88
11) bis(2-Chloroethyl)ether	6.68	93	417310	42.34	ng		92
12) 1,3-Dichlorobenzene	6.89	146	451391m	42.59	ng		
13) 1,4-Dichlorobenzene	6.97	146	480175	44.77	ng		95
14) 1,2-Dichlorobenzene	7.12	146	414275	40.39	ng		98
15) Benzyl Alcohol	7.09	79	357528	45.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	750151	43.81	ng		94
17) 2-Methylphenol	7.22	107	345165	44.47	ng		97
18) Hexachloroethane	7.46	117	150198	41.02	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	314566	46.83	ng		98
20) 3+4-Methylphenols	7.37	107	409327	44.10	ng		97
22) Acetophenone	7.36	105	596756	46.53	ng	#	96
24) Nitrobenzene	7.54	77	495923	47.88	ng	#	87
25) Isophorone	7.78	82	858193	45.66	ng		98
26) 2-Nitrophenol	7.85	139	228763	46.47	ng		93
27) 2,4-Dimethylphenol	7.89	122	378975	43.83	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	514425	41.33	ng		99
29) 2,4-Dichlorophenol	8.10	162	367935	45.63	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	388106	44.66	ng		96
31) Naphthalene	8.26	128	1228936	43.16	ng		99
32) Benzoic acid	8.02	122	225410	46.31	ng		97
33) 4-Chloroaniline	8.30	127	154024	13.79	ng		96
34) Hexachlorobutadiene	8.37	225	210299	43.99	ng		99
35) Caprolactam	8.68	113	112664m	44.42	ng		
36) 4-Chloro-3-methylphenol	8.81	107	452136	53.78	ng		95
37) 2-Methylnaphthalene	8.96	142	931665	50.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	417587	44.91	ng		99
40) Hexachlorocyclopentadiene	9.10	237	315260	75.15	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	291117	47.65	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	305245	45.60	ng	#	84
45) 1,1'-Biphenyl	9.42	154	1207218	50.33	ng		99
46) 2-Chloronaphthalene	9.45	162	863442	46.02	ng		98
47) 2-Nitroaniline	9.54	65	288494	45.73	ng		89
48) Acenaphthylene	9.86	152	1354236	41.78	ng		99
49) Dimethylphthalate	9.72	163	958128	42.95	ng		99
50) 2,6-Dinitrotoluene	9.79	165	240635	49.94	ng		92
51) Acenaphthene	10.03	154	889490	45.90	ng		96
52) 3-Nitroaniline	9.95	138	122041	22.13	ng		92
53) 2,4-Dinitrophenol	10.06	184	197545	80.56	ng	#	75
54) Dibenzofuran	10.21	168	1226062	47.30	ng		90
55) 4-Nitrophenol	10.13	139	330913	83.32	ng		93
56) 2,4-Dinitrotoluene	10.19	165	273163	42.58	ng		96
57) Fluorene	10.56	166	912412	45.76	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	221609	49.63	ng		100
59) Diethylphthalate	10.42	149	986339	46.91	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	437543	45.67	ng	#	82
61) 4-Nitroaniline	10.58	138	252489	44.71	ng		87
62) Azobenzene	10.70	77	1163721	53.57	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	145180	43.86	ng		81
65) n-Nitrosodiphenylamine	10.66	169	798111	45.69	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	261333	45.75	ng	#	85
67) Hexachlorobenzene	11.10	284	248624	44.04	ng	#	89
68) Atrazine	11.20	200	270608	48.28	ng		95
69) Pentachlorophenol	11.30	266	235196	80.64	ng		98
70) Phenanthrene	11.52	178	1308924	41.78	ng		99
71) Anthracene	11.57	178	1394881	44.34	ng		97
72) Carbazole	11.72	167	1116958	37.14	ng		99
73) Di-n-butylphthalate	12.05	149	1614767	49.65	ng	#	97
74) Fluoranthene	12.70	202	1302108	40.30	ng		97
76) Benzidine	12.82	184	67753	4.26	ng		98
77) Pyrene	12.93	202	1281738	45.88	ng		99
79) Butylbenzylphthalate	13.55	149	595948	52.53	ng	#	75
80) Benzo(a)anthracene	14.12	228	1018365	44.60	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	212427	26.10	ng		97
82) Chrysene	14.16	228	950190	44.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	747429	48.18	ng		99
84) Di-n-octyl phthalate	14.72	149	1292287	51.15	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	871196	52.61	ng		95
87) Benzo(b)fluoranthene	15.16	252	1007521	49.10	ng		98
88) Benzo(k)fluoranthene	15.20	252	675962m	38.15	ng		
89) Benzo(a)pyrene	15.53	252	814334	45.88	ng	#	97
90) Dibenzo(a,h)anthracene	17.08	278	725137	50.54	ng		96
91) Benzo(g,h,i)perylene	17.52	276	752768	51.94	ng	#	92

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

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