Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092689.D
Acq On : 31 Jan 2017 19:02
Operator : SJ/MA
Sample : I1588-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
2/1/2017 2:27:34 PM

Quant Time: Feb 01 00:42:59 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	148568	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	578484	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	296431	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	496292	20.00	ng		0.00
75) Chrysene-d12	14.13	240	359851	20.00	ng		-0.01
86) Perylene-d12	15.60	264	310609	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	950755	109.79	ng		0.00
7) Phenol-d6	6.59	99	1265476	113.57	ng		-0.01
23) Nitrobenzene-d5	7.52	82	967586	93.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	285814	133.31	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1643119	100.42	ng		-0.01
78) Terphenyl-d14	13.07	244	1402609	91.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	194925	41.66	ng	#	72
3) Pyridine	3.47	79	512190	43.05	ng	#	84
4) n-Nitrosodimethylamine	3.41	42	270161	48.36	ng		84
6) Aniline	6.61	93	248414	16.34	ng	#	77
8) 2-Chlorophenol	6.74	128	447113	46.80	ng		98
9) Benzaldehyde	6.50	77	124965	15.65	ng		93
10) Phenol	6.60	94	396260	30.40	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	438948	42.19	ng		90
12) 1,3-Dichlorobenzene	6.89	146	487373m	43.56	ng		
13) 1,4-Dichlorobenzene	6.97	146	517953	45.73	ng		96
14) 1,2-Dichlorobenzene	7.12	146	446296	41.21	ng		97
15) Benzyl Alcohol	7.09	79	401907	48.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	860191	47.58	ng		94
17) 2-Methylphenol	7.21	107	374593	45.71	ng		97
18) Hexachloroethane	7.46	117	170744	44.16	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	339636	47.88	ng		97
20) 3+4-Methylphenols	7.37	107	445855	45.50	ng		97
22) Acetophenone	7.36	105	639097	48.39	ng	#	93
24) Nitrobenzene	7.54	77	546727	51.26	ng	#	88
25) Isophorone	7.78	82	954469	49.31	ng		99
26) 2-Nitrophenol	7.85	139	239810	47.30	ng	#	89
27) 2,4-Dimethylphenol	7.89	122	396552	44.53	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	566107	44.16	ng		99
29) 2,4-Dichlorophenol	8.10	162	385485	46.42	ng		91
30) 1,2,4-Trichlorobenzene	8.18	180	403025	45.03	ng		96
31) Naphthalene	8.26	128	1248086	42.56	ng		99
32) Benzoic acid	8.02	122	234074	46.63	ng		97
33) 4-Chloroaniline	8.30	127	132673	11.54	ng		96
34) Hexachlorobutadiene	8.37	225	200664	40.75	ng		99
35) Caprolactam	8.68	113	104879m	40.15	ng		
36) 4-Chloro-3-methylphenol	8.81	107	411108	47.48	ng		93
37) 2-Methylnaphthalene	8.96	142	852538	45.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	385235	46.30	ng		99
40) Hexachlorocyclopentadiene	9.10	237	285088	75.94	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	273943	50.10	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	282850	47.21	ng	#	81
45) 1,1'-Biphenyl	9.42	154	1094571	50.99	ng		99
46) 2-Chloronaphthalene	9.45	162	805696	47.98	ng		98
47) 2-Nitroaniline	9.54	65	244239	43.26	ng		95
48) Acenaphthylene	9.86	152	1240207	42.76	ng		99
49) Dimethylphthalate	9.72	163	883160	44.23	ng		99
50) 2,6-Dinitrotoluene	9.79	165	217003	50.33	ng	#	86
51) Acenaphthene	10.03	154	790060	45.56	ng		97
52) 3-Nitroaniline	9.95	138	81620	16.54	ng		93
53) 2,4-Dinitrophenol	10.06	184	177444	80.84	ng	#	87
54) Dibenzofuran	10.21	168	1143349	49.29	ng	#	89
55) 4-Nitrophenol	10.13	139	304284	85.61	ng		91
56) 2,4-Dinitrotoluene	10.19	165	260961	45.46	ng		98
57) Fluorene	10.56	166	856270	47.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	209591	52.44	ng		98
59) Diethylphthalate	10.42	149	911183	48.42	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	408081	47.60	ng	#	82
61) 4-Nitroaniline	10.58	138	221469	43.82	ng		81
62) Azobenzene	10.70	77	1010811	52.00	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	130255	43.39	ng		91
65) n-Nitrosodiphenylamine	10.66	169	718758	45.34	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	247335	47.70	ng	#	87
67) Hexachlorobenzene	11.10	284	240083	46.86	ng	#	86
68) Atrazine	11.20	200	262872	51.67	ng		93
69) Pentachlorophenol	11.30	266	228137	85.69	ng		98
70) Phenanthrene	11.52	178	1270335	44.68	ng		99
71) Anthracene	11.56	178	1279070	44.80	ng		99
72) Carbazole	11.72	167	1072253	39.28	ng		99
73) Di-n-butylphthalate	12.05	149	1417027	48.00	ng	#	96
74) Fluoranthene	12.71	202	1322604	45.10	ng		97
76) Benzidine	12.82	184	249855	16.29	ng		97
77) Pyrene	12.93	202	1339918	49.76	ng		99
79) Butylbenzylphthalate	13.55	149	637063	58.25	ng	#	75
80) Benzo(a)anthracene	14.12	228	1034870	47.02	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	136045	17.34	ng	#	98
82) Chrysene	14.16	228	996423	48.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	778188	52.03	ng		98
84) Di-n-octyl phthalate	14.72	149	1298137	53.30	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	877087	54.95	ng		95
87) Benzo(b)fluoranthene	15.16	252	1058971m	51.80	ng		
88) Benzo(k)fluoranthene	15.20	252	665164m	37.68	ng		
89) Benzo(a)pyrene	15.53	252	828115	46.83	ng	#	97
90) Dibenzo(a,h)anthracene	17.08	278	726799	50.85	ng		96
91) Benzo(g,h,i)perylene	17.52	276	754261	52.24	ng	#	92

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

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